



COLON CANCER AND NORMAL CELL LINES

ATCC® No.	Name	Tissue	Cell Type	Disease	Oganism	Age	Ethnicity	Genes Expressed
CRL-2577™	RKO	colon		Carcinoma	Homo sapiens			p53 + (wild type)
CRL-2579™	RKO-AS45-1	colon		Carcinoma	Homo sapiens			p53 + (underexpressed)
HTB-38™	HT-29	colon		colorectal adenocarcinoma	Homo sapiens	44 years adult	Caucasian	secretory component of IgA; carcinoembryonic antigen (CEA); transforming growth factor beta binding protein; mucin, myc +; ras +; myb +; fos +; sis +; p53 +; abl -; ros -; src -, Blood Type A; Rh+; HLA A1, A3, B12, B17, Cw5, HT-29 cells are negative for CD4, but there is cell surface expression of galactose ceramide (a possible alternative receptor for HIV).
CCL-238™	SW1417 [SW-1417]	colon		Dukes' type C, grade III, colorectal adenocarcinoma	Homo sapiens	53 years	Caucasian	carcinoembryonic antigen (CEA) 362 ng/10 exp6 cells/10 days; keratin, myc +; ras +; fos +; sis +; p53 -; myb -, abl -, ros -, src -, blood type B; Rh+, The cells are positive for keratin by immunoperoxidase staining., The line is positive for expression of c-myc, H-ras, sis and fos oncogenes.
CCL-237™	SW948 [SW-948]	colon		Dukes' type C, grade III, colorectal adenocarcinoma	Homo sapiens	81 years	Caucasian	carcinoembryonic antigen (CEA) 7 ng/10 exp6 cells/10 days; colon specific antigen (CSAp) 750 units in 0.5 ml cell sonicate; keratin, myc +; myb +; ras +; fos +; p53 +; sis -; abl -; ros -; src -, blood type O; Rh+, The cells are positive for keratin by immunoperoxidase staining., The line is positive for expression of c-myc, K-ras, H-ras, N-ras, myb and fos oncogenes.
CCL-221™	DLD-1	colon	epithelial	Dukes' type C, colorectal adenocarcinoma	Homo sapiens	adult		carcinoembryonic antigen (CEA) 0.5 ng/10 exp6 cells/10 days; colon antigen 3; keratin, myc +; myb +; ras +; fos +; sis +; p53 +; abl -; ros -, src -, blood type O, DLD-1 cells are positive for p53 antigen expression (the p53 antigen produced has a C -> T mutation resulting in Ser -> Phe at position 241), The cells are positive for keratin by immunoperoxidase staining., The line is positive for expression of c-myc, K-ras, H-ras, N-ras, myb, sis and fos oncogenes.
CCL-228™	SW480 [SW-480]	colon		Dukes' type B, colorectal adenocarcinoma	Homo sapiens	50 years	Caucasian	carcinoembryonic antigen (CEA) 0.7 ng/10 exp6 cells/10 days; keratin; transforming growth factor beta, myc +; myb +; ras +; fos +; sis +; p53 +; abl -; ros -, src -, HLA A2, B8, B17; blood type A; Rh+, The cells are positive for keratin by immunoperoxidase staining., The line is positive for expression of c-myc, K-ras, H-ras, N-ras, myb, sis and fos oncogenes.

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CCL-233™	SW1116 [SW 1116, SW-1116]	colon		Dukes' type A, grade III, colorectal adenocarcinoma	Homo sapiens	73 years	Caucasian	carcinoembryonic antigen (CEA) 2654 ng/10 exp6 cells/10 days; keratin, myc +; myb +; ras +; fos +; sis +; p53 +; abl -; ros -; src -, blood type O; Rh+, The cells are positive for keratin by immunoperoxidase staining., The line is positive for expression of c-myc, K-ras, H-ras, myb, sis and fos oncogenes.
CL-188™	LS 174T	colon		Dukes' type B, colorectal adenocarcinoma	Homo sapiens	58 years	Caucasian	carcinoembryonic antigen (CEA), interleukin 10 (IL-10), interleukin 6 (IL-6), mucin, myc +; myb +; ras +; fos +; p53 +; sis -; abl -; ros -; src -, serologically defined colon cancer antigen 3; Homo sapiens, expressed , HLA A2, B13, B50; Blood type O, The line is positive for expression of c-myc, N-myc, H-ras, N-ras.
CCL-218™	WiDr	colon		colorectal adenocarcinoma	Homo sapiens			
CCL-220™	COLO 320DM	colon		Dukes' type C, colorectal adenocarcinoma	Homo sapiens	55 years	Caucasian	serotonin; norepinephrine; epinephrine; adrenocorticotrophic hormone (ACTH); parathyroid hormone
CCL-220.1™	COLO 320HSR [COLO 320 HSR]	colon		Dukes' type C, colorectal adenocarcinoma	Homo sapiens	55 years	Caucasian	serotonin; norepinephrine; epinephrine; adrenocorticotrophic hormone (ACTH); parathyroid hormone
CCL-225™	HCT-15	colon		Dukes' type C, colorectal adenocarcinoma	Homo sapiens			carcinoembryonic antigen (CEA) 5.4 ng/10⁶ cells/10 days. The cells are positive for keratin by immunoperoxidase staining.
CCL-230™	SW403 [SW-403]	colon		Dukes' type C, grade III, colorectal adenocarcinoma	Homo sapiens	51 years	Caucasian	carcinoembryonic antigen (CEA) 155 ng/10 exp6 cells/10 days; keratin, blood type O, The cells are positive for keratin by immunoperoxidase staining.
CCL-231™	SW48 [SW-48]	colon		Dukes' type C, grade IV, colorectal adenocarcinoma	Homo sapiens	82 years	Caucasian	carcinoembryonic antigen (CEA) 0.6 ng/10 exp6 cells/10 days; keratin, HLA A32, A33, B27, B35; blood type AB; Rh+, The cells are positive for keratin by immunoperoxidase staining.
CCL-244™	HCT-8 [HRT-18]	colon		ileocecal colorectal adenocarcinoma	Homo sapiens	67 years adult		carcinoembryonic antigen (CEA) 0.5 ng/10 exp6 cells/10 days; alkaline phosphatase; keratin, The cells are positive for keratin by immunoperoxidase staining.
CCL-247™	HCT 116	colon		colorectal carcinoma	Homo sapiens	adult		carcinoembryonic antigen (CEA) 1 ng per 10⁶ cells per 10 days.
CCL-255™	LS123	colon	Epithelial	Dukes' type B, colorectal adenocarcinoma	Homo sapiens	65 years	Caucasian	carcinoembryonic antigen (CEA), 9 ng/ml per 10 exp6 cells per 10 days; mucin
CL-187™	LS 180	colon		Dukes' type B, colorectal adenocarcinoma	Homo sapiens	58 years	Caucasian	carcinoembryonic antigen, interleukin 10, interleukin 6, mucin, HLA A2, B13, B50; Blood type O, serologically defined colon cancer antigen 3; Homo sapiens, expressed
CRL-12011™	HX [HT1080 xeno]	colon		fibrosarcoma	Homo sapiens	35 years	Caucasian	
CRL-12012™	HP [HT1080 poly]	colon		fibrosarcoma	Homo sapiens	35 years	Caucasian	
CRL-1459™	CCD-18Co	colon		normal	Homo sapiens	2.5 months	Black	
CRL-1539™	CCD-33Co	colon			Homo sapiens	7 years	Caucasian	
CRL-1541™	CCD-112CoN	colon			Homo sapiens	22 weeks gestation		
CRL-1790™	CCD 841 CoN	colon	epithelial		Homo sapiens	21 weeks gestation fetus		

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CRL-1807™	CCD 841 CoTr	colon			Homo sapiens	21 weeks gestation		
CRL-1831™	FHC	colon	Epithelial		Homo sapiens	13 weeks gestation		
CRL-1923™	Ramos.2G6.4C10	colon	B lymphocyte	Burkitt's lymphoma (American)	Homo sapiens	3 years	Caucasian	immunoglobulin (surface and secreted), CD23 +
CRL-2102™	C2BBe1 [clone of Caco-2 (ATCC HTB-37)]	colon	Enterocyte	colorectal adenocarcinoma	Homo sapiens	72 years	Caucasian	
CRL-2578™	RKO-E6	colon		Carcinoma, Papilloma,	Homo sapiens			
CRL-2780™	ATRFLOX [Mutatect]	colon	epithelial	colorectal carcinoma	Homo sapiens	adult		ataxia telangiectasia and Rad3 related
CRL-7213™	Hs 255.T	colon		adenocarcinoma	Homo sapiens	46 years	Caucasian	
CRL-7214™	Hs 257.T	colon		colorectal adenocarcinoma	Homo sapiens	71 years	Caucasian	
CRL-7400™	Hs 675.T	colon		colorectal cancer	Homo sapiens		Caucasian	
HTB-37™	Caco-2	colon	Epithelial	colorectal adenocarcinoma	Homo sapiens	72 years adult	Caucasian	keratin, retinoic acid binding protein 1, retinol binding protein 2
HTB-39™	SK-CO-1	colon: ascites		colorectal adenocarcinoma	Homo sapiens	65 years	Caucasian	myc +; ras +; myb +; fos +; sis +; p53 +; abl -; ros -; src -, Blood Type O; Rh+; HLA A1, A3, B7, B13
CCL-224™	COLO 201	colon: ascites		Dukes' type D, colorectal adenocarcinoma	Homo sapiens	70 years	Caucasian	myc +; ras +; myb +; fos +; sis +; p53 +; abl -; ros -; src -
CCL-222™	COLO 205	colon: ascites		Dukes' type D, colorectal adenocarcinoma	Homo sapiens	70 years	Caucasian	carcinoembryonic antigen (CEA) 1.5 to 4.1 ng/10 exp6 cells/10 days; keratin; interleukin 10 (IL-10, interleukin-10), The cells are positive for keratin by immunoperoxidase staining.
CRL-7435™	Hs 698.T	colon: connective tissue		adenocarcinoma	Homo sapiens	70 years	American Indian	
CCL-229™	LoVo	colon: left supraclavicular region		Dukes' type C, grade IV, colorectal adenocarcinoma	Homo sapiens	56 years		carcinoembryonic antigen (CEA) 908 ng/10 exp6 cells/10 days, myc +; myb +; ras +; fos +; p53 +; sis -; abl -; ros -; src -, HLA A11, B15, B17, Cw1, Cw3; blood type B, The cells are negative for expression of CSAp (CSAp-) and colon antigen 3., The line is positive for expression of c-myc, K-ras, H-ras, N-ras, Myb, sis and fos oncogenes.
CCL-248™	T84	colon: lung		colorectal carcinoma	Homo sapiens	72 years		carcinoembryonic antigen (CEA), 600 ng/ml per 10 exp6 cells per 10 days; keratin, The cells are positive for keratin by immunoperoxidase staining.
CCL-227™	SW620 [SW-620]	colon: lymph node		Dukes' type C, colorectal adenocarcinoma	Homo sapiens	51 years	Caucasian	carcinoembryonic antigen (CEA) 0.15 ng/10 exp6 cells/10 days; transforming growth factor alpha; keratin; matrilysin, myc +; myb +; ras +; fos +; sis +; p53 +; abl -; ros -; src -, blood type A; Rh+, The cells are negative for expression of CSAp (CSAp-) and colon antigen 3, negative., The cells are positive for keratin by immunoperoxidase staining., The line is positive for expression of c-myc, K-ras, H-ras, N-ras, Myb, sis and fos oncogenes.
CRL-5972™	SNU-C1	colon: peritoneum		adenocarcinoma	Homo sapiens	71 years	Asian	

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CL-177™	XB-2	colon	epithelial keratinocyte	teratoma	Mus musculus			
CRL-1838™	M-NFS-60	colon	virus induced	myelogenous leukemia	Mus musculus			
CRL-2638™	CT26.WT	colon		Carcinoma	Mus musculus			H-2d
CRL-2639™	CT26.CL25	colon		Carcinoma, Leukemia	Mus musculus			beta galactosidase (beta-gal), H-2d, The lethal subclone CT26.CL25 (ATCC CRL-2639) was selected for use in all in vitro and in vivo studies because of its stable high expression of both beta-gal and the class I molecule H-2 Ld.
HB-8240™	CLT 85 [SKI 294/CLT 85]	colon, colon, Tissue	hybridoma: B lymphocyte	Cancer, Adenocarcinoma, Cancer	Mus musculus			immunoglobulin; monoclonal antibody; against human colon adenocarcinoma
HB-8248™	HT 29/36 [SKI 294/HT 29/36]	colon, colon, Tissue	hybridoma: B lymphocyte	Cancer, Adenocarcinoma, Cancer	Mus musculus			immunoglobulin; monoclonal antibody; against human colon adenocarcinoma
HB-8247™	HT 29/26 [SKI 294/HT 29/26]	colon, intestine, Tissue, colon, colon	hybridoma: B lymphocyte	Cancer, Cancer	Mus musculus			immunoglobulin; monoclonal antibody; against a 29000 dalton glycoprotein (gp29) expressed in human colon cells
CRL-8019™	1116NS-3d	colon, spleen	hybridoma: B lymphocyte	Adenocarcinoma	Mus musculus			immunoglobulin; monoclonal antibody; against carcinoembryonic antigen (CEA)
HB-12314™	PCA 31.1	colon, spleen	hybridoma: B lymphocyte	Carcinoma, Carcinoma	Mus musculus			immunoglobulin; monoclonal antibody; against human carcinoma associated antigens (CCAA)
HB-12315™	PCA 33.28	colon, spleen	hybridoma: B lymphocyte	Carcinoma, Carcinoma	Mus musculus			immunoglobulin; monoclonal antibody; against human carcinoma associated antigens (CCAA)
HB-8059™	1116-NS-19-9	colon, spleen	hybridoma: B lymphocyte	Carcinoma, Cancer	Mus musculus			immunoglobulin; monoclonal antibody; against colorectal carcinoma monosialoganglioside
HB-9397™	7E12H12	colon, spleen, colon, Epithelium			Mus musculus			immunoglobulin; monoclonal antibody; against human 40 kDa colonic protein
HB-8244™	CLT 152 [SKI 294/CLT 152]	colon, Tissue	hybridoma: B lymphocyte	Cancer, Cancer	Mus musculus			immunoglobulin; monoclonal antibody; against a 52000 dalton protein expressed in human adult epithelial cells of the gastrointestinal tract mucosa (stomach, small intestine, esophagus and colon)
CRL-10632™	TAC-1	colon	fibroblast	adenocarcinoma	Saguinus oedipus	6 years old		
CCL-242™	GPC-16	colon		colorectal adenocarcinoma	Cavia porcellus			keratin, The cells are positive for keratin by immunoperoxidase staining.



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