




## Product Sheet


# BR1S-425.1 (CRL-13027)

Please read this **FIRST**



Storage Temp.  
**liquid nitrogen  
vapor phase**

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Biosafety Level  
**1**

### Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

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### U.S. Patent Number:

6,514,713

### Technical Information

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### Product Description

**Designation:** BR1S-425.1

**Organism:** *Mus musculus* (B cell); *Mus musculus* (myeloma), mouse (B cell); mouse (myeloma)

**Isotype:** mouse IgG2b

**Cell Type:** hybridoma: B lymphocyte; somatic cell hybrid

**Morphology:** lymphoblast

**Growth Properties:** suspension

### Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

### SAFETY PRECAUTION

ATCC highly recommends that protective gloves and clothing always be used and a full face mask always be worn when handling frozen vials. It is important to note that some vials leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vessel exploding or blowing off its cap with dangerous force creating flying debris.

### Unpacking & Storage Instructions

1. Check all containers for leakage or breakage.
2. Remove the frozen cells from the dry ice packaging and immediately place the cells at a temperature below  $-130^{\circ}\text{C}$ , preferably in liquid nitrogen vapor, until ready for use.

### Comments

Animals were immunized with against a synthetic peptide containing BRCA1 amino acids 1840 to 1862. Spleen cells were fused with the mouse non-secretory myeloma cell line P3.653. Monoclonal antibodies BR1S-218.1 (ATCC PTA-4307), BR1S-060.2 (ATCC PTA-4306), BR1S-384.5 (ATCC PTA-4308), and BR1S-425.1 (ATCC PTA-4309) are against the C-terminal region of a full-length BRCA1 polypeptide (amino acids 1840-1862). Monoclonal antibodies BR1N.129.5 (ATCC PTA-4304) and BR1N-411.4 (ATCC PTA-4305) are against the N-terminal region of a BRCA1 polypeptide (amino acids 1 to 304). Monoclonal antibodies BR1H-788.6 (ATCC PTA-4301), BR1H-945.2 (ATCC PTA-4303) and BR1H-826.5 (ATCC PTA-4302) are against a portion of a BRCA1 polypeptide between the N-terminal and C-terminal regions of the BRCA1 polypeptide (amino acids 1360 to 1555). These antibodies can be used to detect BRCA1 mutations.

### Propagation

### Complete Growth Medium

HH4 Medium supplemented with 10% fetal bovine serum

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### **References**

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

### **Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

### **ATCC Warranty**

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