BRST-1 (CU-18) Monoclonal Antibody

Catalog # / Size: 915002 / 6 ml
915001 / 1 ml

Previously: Covance Catalog# SIG-3610
Signet Catalog# 610-01, 610-16 L1 Predilute

Intended Use: In Vitro Diagnostic (IVD). Use in immunohistochemistry (IHC) test methods only.

The monoclonal antibody CU-18 is used for the in vitro examination of human biological samples using immunohistochemistry (IHC) methods for the qualitative identification of BRST-1. The clinical interpretation of any staining or its absence should be complemented by morphological studies and proper controls and should be evaluated within the context of the patient’s clinical history and other diagnostic tests by a qualified pathologist.

Clone: CU-18
Isotype: Mouse IgG1
Immunogen: This antibody was generated against a protein secreted by the T47D (clone 11) human breast carcinoma cell line.
Reactivity: Human
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution with BSA + 0.1% NaN3.

Storage: Store between 2°C and 8°C.

Applications: IHC

Recommended Usage: Each lot of this antibody is quality control tested by immunohistochemical staining.

The optimal working dilution should be determined for each specific assay condition.

• IHC: ≥1:40 (concentrated format) for Biotin based detection systems such as USA Ultra Streptavidin Detection (Cat. No. 929501).

Positive tissue (human): Breast carcinoma

Tissue Sections: Formalin-fixed, paraffin-embedded tissues

Pretreatment: Not required

Incubation: 20 minutes at room temperature

Application Notes: This antibody is effective in immunohistochemistry (IHC).

The BRST-1, clone CU-18, monoclonal antibody detects BCA-225, a 225 kD glycoprotein secreted by the T47D breast carcinoma cell line. Strong intracytoplasmic staining is seen in primary and metastatic breast carcinoma cell lines, primary and metastatic breast carcinoma tissue and cervical carcinomas.

Concentrated Format: Cat. No. 915001 (Formerly: SIG-3610-1000) [1 mL]

Prediluted Formats: Cat. No. 915002 (Formerly: SIG-3610-16) [6 mL] is ready to use with Peroxidase Anti-Peroxidase detection systems.

Application References:


**Other Names:** Epithelial cell adhesion molecule, epithelial glycoprotein 314

**Explanation of Symbols**

<table>
<thead>
<tr>
<th>REF</th>
<th>Catalog number</th>
<th>Temperature limitation</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>IVD</td>
<td>In Vitro Diagnostic medical device</td>
<td>Consult instructions for use</td>
<td></td>
</tr>
<tr>
<td>LOT</td>
<td>Batch code</td>
<td>Use by</td>
<td></td>
</tr>
</tbody>
</table>