

## Anti-Presenilin 1 Monoclonal Antibody

Catalog Number: M00138-1

### Submit a product review to Biocompare.com

[Submit a review of this product](#) to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



### Overview

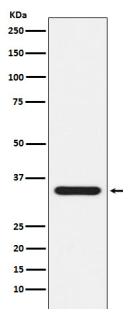
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name         | Anti-Presenilin 1 Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactive Species     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Description          | Boster Bio Anti-Presenilin 1 Monoclonal Antibody catalog # M00138-1. Tested in WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.                                                                                                                                                                                                                                                                                       |
| Application          | Flow Cytometry, WB                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Clonality            | Monoclonal AECD-16                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formulation          | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                         |
| Host                 | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Uniprot ID           | P49768                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### Technical Details

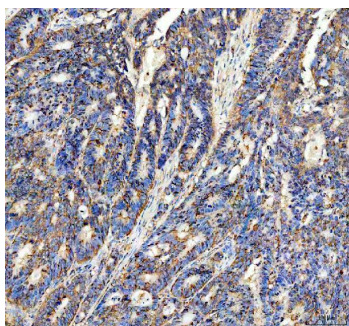
|               |                                                                                                                                                                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen     | A synthesized peptide derived from human Presenilin 1 Probable catalytic subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (beta-amyloid precursor protein) . Requires the other members of the gamma-secretase complex to have a protease activity. |
| Isotype       | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                 |
| Form          | Liquid                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration | 0.5mg/ml                                                                                                                                                                                                                                                                                                                                                                   |

| Purification        | Affinity-chromatography                  |
|---------------------|------------------------------------------|
| Suggested Dilutions | WB 1:500-2000<br>IHC 1:50-200<br>FC 1:10 |

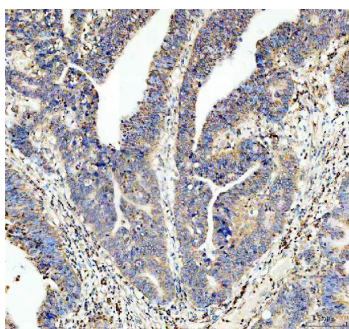
## Anti-Presenilin 1 Monoclonal Antibody (M00138-1) Images



Western blot analysis of Presenilin 1 expression in Jurkat cell lysate.



IHC analysis of Presenilin 1 using anti-Presenilin 1 antibody (M00138-1). Presenilin 1 was detected in a paraffin-embedded section of human stomach cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-Presenilin 1 Antibody (M00138-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of Presenilin 1 using anti-Presenilin 1 antibody (M00138-1). Presenilin 1 was detected in a paraffin-embedded section of human stomach cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-Presenilin 1 Antibody (M00138-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

### [Anti-Presenilin 1 Monoclonal Antibody](#)

For Research Use Only. Not for use in diagnostic procedures.