

## Anti-Presenilin 1 Antibody (5C43)

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 53 kDa. Actual: 28 kDa.
Clone:	5C43
Purification:	Protein A purified

## Applications

Verified Activity:	<ol style="list-style-type: none"><li>1. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Presenilin 1 Monoclonal Antibody, Unconjugated (TMAB-11730) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&amp;L-HRP and DAB staining.</li><li>2. Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Presenilin 1 Monoclonal Antibody, Unconjugated (TMAB-11730) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&amp;L-HRP and DAB staining.</li><li>3. Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Presenilin 1 Monoclonal Antibody, Unconjugated (TMAB-11730) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&amp;L-HRP and DAB staining.</li><li>4. Paraformaldehyde-fixed, paraffin embedded Human Glioma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Presenilin 1 Monoclonal Antibody, Unconjugated (TMAB-11730) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&amp;L-HRP and DAB staining.</li><li>5. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Presenilin 1 Monoclonal Antibody, Unconjugated (TMAB-11730) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, Goat Anti-Rabbit IgG H&amp;L-BF594), DAPI (blue) was used to stain the cell nuclei.</li></ol>
Application:	FCM,IHC-P,IHC-Fr,IF
Recommended	FCM: 1:50-100; IHC-P: 1:50-200; IHC-Fr: 1:50-200; IF: 1:50-200

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen: A synthesized peptide: human Presenilin 1  
Antigen Species: Human  
Gene ID: 5663  
Uniprot ID: P49768

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### Research Background

Requires the presence of the other members of the gamma-secretase complex for protease activity. Plays a role in Notch and Wnt signaling cascades and regulation of downstream processes via its role in processing key regulatory proteins, and by regulating cytosolic CTNNB1 levels.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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