

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Presenilin-1 N-Terminal Fragment in direct ELISAs and Western blots. Does not cross-react with recombinant human (rh) Presenilin-2 N-Terminal Fragment, rhPresenilin-1 C-Terminal Fragment, or rhPresenilin-2 C-Terminal Frag
Source	Monoclonal Mouse IgG _{2B} Clone # 121121
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Presenilin-1 N-Terminal Fragment Lys1-Lys80 Accession # P49768
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Presenilin-1 (PS-1) is a multipass lysosomal membrane protein that is a component of the gamma secretase complex. It is cleaved by endoproteolysis to generate N- and C-terminal fragments. Some mutations in PS-1 are associated with the risk of early onset familial Alzheimer's disease.

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