

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Presenilin-1 N-Terminal Fragment in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human (rh) Presenilin-1 C-Terminal Fragment, rhPresenilin-2 C-Terminal Fragment, or rhPresenilin-2 N-Termin
Source	Monoclonal Mouse IgG _{2A} Clone # 121130
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Presenilin-1 N-Terminal Fragment Met1-Lys80 Accession # P49768
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.

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 467 amino acid multipass lysosomal membrane protein that is a component of the gamma secretase complex. It is cleaved by endoproteolysis at or near amino acid 298 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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