



20150217ML

Anti-Human Presenilin-1 (#7G6)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M608
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with recombinant human Presenilin-1.

Target Background

Synonyms (Target):	PSEN1; AD3; FAD; PS1; PS-1; S182
---------------------------	----------------------------------

Presenilin1 (PS1) 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.

Database References Target

Protein RefSeq:	NP_015557.2
Uniprot ID:	P49768
mRNA RefSeq:	NM_007318.2

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#7G6)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	recombinant human Presenilin-1
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human Presenilin-1.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB, IHC (P)

Recommended usage:

IHC (paraffine): 1:20 - 1:100

WB: Use at 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!