

Recombinant**DGRmAb®****Presenilin 1 (DGR12409) Rabbit mAb (PBS Only)****db13175-PBS****Package : 100µg****Product Name :** Presenilin 1 (DGR12409) Rabbit mAb (PBS Only)**Cat.No.:** db13175-PBS**Synonyms :** AD3; FAD; PS1; PS-1; S182**Application :** WB, IHC-P**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the presenilin proteins (PSEN1; PSEN2) or in the amyloid precursor protein (APP). These disease-linked mutations result in increased production of the longer form of amyloid-beta (main component of amyloid deposits found in AD brains). Presenilins are postulated to regulate APP processing through their effects on gamma-secretase, an enzyme that cleaves APP. Also, it is thought that the presenilins are involved in the cleavage of the Notch receptor, such that they either directly regulate gamma-secretase activity or themselves are protease enzymes. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene, the full-length nature of only some have been determined. [provided by RefSeq, Aug 2008]

Immunogen

A synthetic peptide of human Presenilin 1

Gene ID

5663

Swiss Prot

P49768

Synonyms

AD3; FAD; PS1; PS-1; S182

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Calculated MW

53 kDa

Observed MW

20 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR12409

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

