Recombinant DGRmAb®

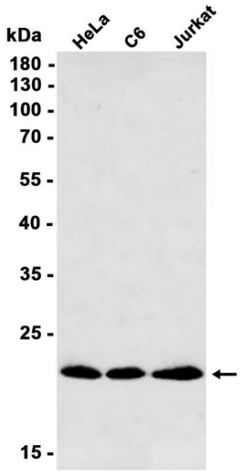
Presenilin 1 (DGR12409) Rabbit mAb (PBS Only)

db13175-PBS **Package : 10μg 100μg**

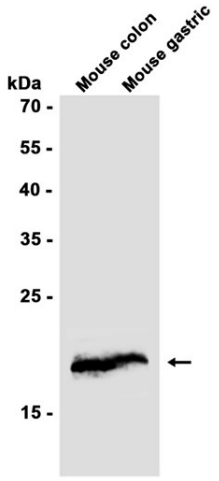
Product Name : Presenilin 1 (DGR12409) Rabbit mAb (PBS Only)
Cat.No.: db13175-PBS
Synonyms : AD3; FAD; PS1; PS-1; S182
Application : WB, IHC-P
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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.



Western blot analysis of extracts from HeLa, C6, Jurkat cells using db13175 at 1:1000.



Western blot analysis of extracts from Mouse colon, Mouse gastric tissues using db13175 at 1:1000.