Recombinant DGRmAb®

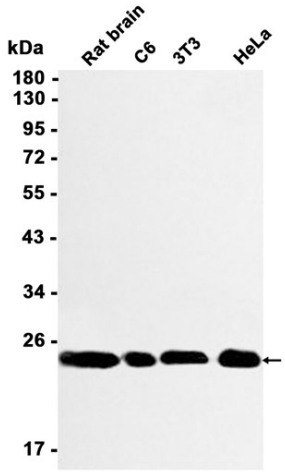
Presenilin 2 (DGR11491) Rabbit mAb (PBS Only)

db11569-PBS **Package : 10μg 100μg**

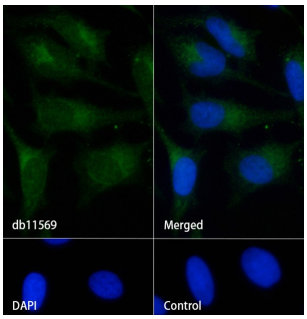
Product Name : Presenilin 2 (DGR11491) Rabbit mAb (PBS Only)
Cat.No.: db11569-PBS
Synonyms : AD4; PS2; AD3L; STM2; CMD1V
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	Alzheimer's disease (AD) patients with an inherited form of the disease carry mutations in the presenilin proteins (PSEN1 or PSEN2) or 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 act are protease enzymes. Two alternatively spliced transcript variants encoding different isoforms of PSEN2 have been identified. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human Presenilin 2
Gene ID	5664
Swiss Prot	P49810
Synonyms	AD4; PS2; AD3L; STM2; CMD1V
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Calculated MW	50 kDa
Observed MW	23 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11491
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 C6, 3T3, HeLa cells and Rat brain tissue using db11569 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Presenilin 2 with db11569.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11569 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.