

Recombinant

DGRmAb®

**Phospho-Presenilin 2 (Ser330) (DGR12408) Rabbit mAb (PBS Only)**

db11029-PBS

Package : 100µg

**Product Name** : Phospho-Presenilin 2 (Ser330) (DGR12408) Rabbit mAb (PBS Only)**Cat.No.:** db11029-PBS**Synonyms** : AD4; PS2; AD3L; STM2; CMD1V**Application** : WB**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 as protease enzymes. Two alternatively spliced transcript variants encoding different isoforms of PSEN2 have been identified. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Ser330 of human Presenilin 2

**Gene ID**

5664

**Swiss Prot**

P49810

**Synonyms**

AD4; PS2; AD3L; STM2; CMD1V

**Reactivity**

Human,Mouse,Rat

**Application**

WB

**Calculated MW**

50 kDa

**Observed MW**

23 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

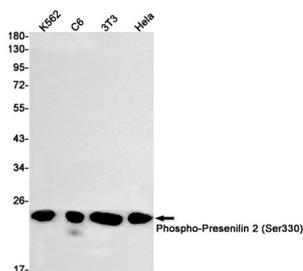
**Clonality No.**

DGR12408

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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 detection of Phospho-Presenilin 2 (Ser330) in K562, C6, 3T3, HeLa cell lysates using Phospho-Presenilin 2 (Ser330) antibody (1:1000 diluted).