

Recombinant

DGRmAb®

**Phospho-Presenilin 1 (Ser310) (DGR11353) Rabbit mAb (PBS Only)**

db14695-PBS

Package : 10µg 100µg

**Product Name** : Phospho-Presenilin 1 (Ser310) (DGR11353) Rabbit mAb (PBS Only)**Cat.No.:** db14695-PBS**Synonyms** : AD3; FAD; PS1; PS-1; S182**Application** : WB**Reactivity** : Human**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 phosphopeptide corresponding to residues surrounding Ser310 of human Presenilin 1

**Gene ID**

5663

**Swiss Prot**

P49768

**Synonyms**

AD3; FAD; PS1; PS-1; S182

**Reactivity**

Human

**Application**

WB

**Calculated MW**

53 kDa

**Observed MW**

22 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

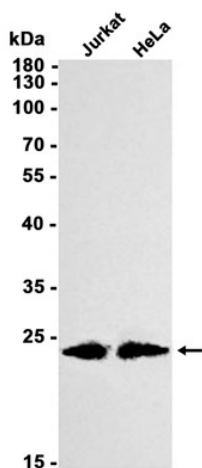
**Clonality No.**

DGR11353

**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 analysis of extracts from Jurkat, HeLa cells using [db14695](#) at 1:1000.