

Recombinant

DGRmAb®

**BACE2 (DGR33648) Rabbit mAb (PBS Only)**

db13079-PBS

Package : 10µg 100µg

**Product Name** : BACE2 (DGR33648) Rabbit mAb (PBS Only)**Cat.No.:** db13079-PBS**Synonyms** : ASP1; BAE2; DRAP; AEPLC; ALP56; ASP21; CDA13; CEAP1**Application** : WB, IHC-P, ICC/IF, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes an integral membrane glycoprotein that functions as an aspartic protease. The encoded protein cleaves amyloid precursor protein into amyloid beta peptide, which is a critical step in the etiology of Alzheimer's disease and Down syndrome. The protein precursor is further processed into an active mature peptide. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Immunogen**

Recombinant protein of human BACE2

**Gene ID**

25825

**Swiss Prot**

Q9Y5Z0

**Synonyms**

ASP1; BAE2; DRAP; AEPLC; ALP56; ASP21; CDA13; CEAP1

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, IP

**Calculated MW**

56 kDa

**Observed MW**

56 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR33648

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Concentration**

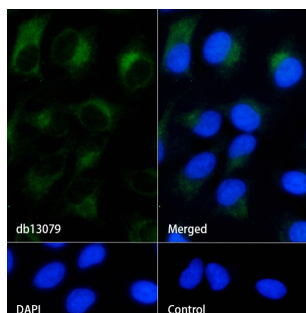
1 mg/mL

**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.



Immunofluorescence analysis of HeLa cells labelling BACE2 with [db13079](#).

The cells were fixed with cold 100% methanol (10min, 4°C) 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 [db13079](#) (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.