

Recombinant

DGRmAb®

## BACE2 (DGR33648) Rabbit mAb

db13079

Package : 10µL 20µL 50µL 100µL

**Product Name :** BACE2 (DGR33648) Rabbit mAb

**Cat.No.:** db13079

**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

### Recommended dilution

WB: 1:1000  
IHC-P: 1:100  
ICC/IF: 1:50  
IP: 1:20-1:50

### Calculated MW

56 kDa

### Observed MW

56 kDa

### Host species

Rabbit

### Clonality

Monoclonal

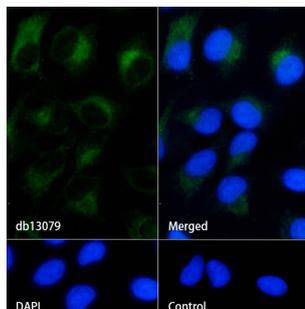
### Clonality No.

DGR33648

### Isotype

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. 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.