Recombinant DGRmAb®

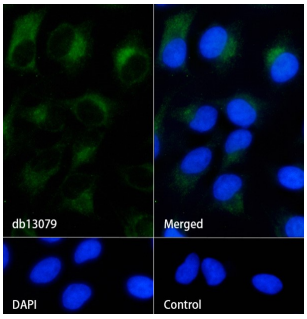
BACE2 (DGR33648) Rabbit mAb

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

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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℃) 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.