

CD38 Rabbit mAb
Catalog # AP77303**Specification**

CD38 Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	P28907
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	34328

CD38 Rabbit mAb - Additional Information**Gene ID** 952**Other Names**

CD38

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

Format

Liquid

CD38 Rabbit mAb - Protein Information**Name** CD38**Function**

Synthesizes cyclic ADP-ribose (cADPR), a second messenger for glucose-induced insulin secretion (PubMed: [7961800](http://www.uniprot.org/citations/7961800)), PubMed: [8253715](http://www.uniprot.org/citations/8253715)). Synthesizes the Ca(2+) mobilizer nicotinate-adenine dinucleotide phosphate, NAADP(+), from 2'-phospho-cADPR and nicotinic acid, as well as from NADP(+) and nicotinic acid. At both pH 5.0 and pH 7.4 preferentially transforms 2'-phospho-cADPR into NAADP(+), while preferentially cleaving NADP(+) to cADPR and ADPRP rather than into NADDP(+) (PubMed: [16690024](http://www.uniprot.org/citations/16690024)). Has cADPR hydrolase activity (PubMed: [7961800](http://www.uniprot.org/citations/7961800), PubMed: [8253715](http://www.uniprot.org/citations/8253715)).

Cellular Location

Cell surface. Membrane; Single-pass type II membrane protein

Tissue Location

Expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant

lymphoma and neuroblastoma.

CD38 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD38 Rabbit mAb - Images

