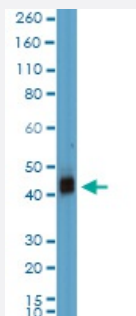


RecomAb™

CD38 monoclonal antibody, clone RM388

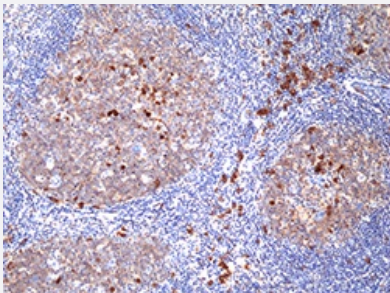
Catalog # MAB23189 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot of Human Brain Tissue Western Blot of human Jurkat cells lysate using CD38 monoclonal antibody clone RM388 at a 1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin fixed and paraffin embedded human tonsil tissue section using CD38 monoclonal antibody clone RM388 at a 1:100 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD38.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to residues near the C-terminus of human CD38.
Reactivity	Human
Specificity	This antibody reacts to CD38 (cyclic ADP-ribose hydrolase 1).
Form	Liquid

Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:100 - 1:200) Western Blot (1:1000 - 1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — CD38

Entrez GeneID	952
Gene Name	CD38
Gene Alias	T10
Gene Description	CD38 molecule
Omim ID	107270
Gene Ontology	Hyperlink
Gene Summary	CD38 is a novel multifunctional ectoenzyme widely expressed in cells and tissues especially in leukocytes. CD38 also functions in cell adhesion, signal transduction and calcium signaling. [provided by RefSeq]
Other Designations	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase CD38 antigen CD38 antigen (p45) cyclic ADP-ribose hydrolase

Pathway

- [Calcium signaling pathway](#)
- [Hematopoietic cell lineage](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Cell Transformation](#)
- [Child Development Disorders](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Osteoporosis](#)