

Recombinant CD38 (ADP Ribosyl Cyclase I) Antibody

Rabbit Monoclonal Antibody [Clone MSVA-038R]

Catalog No	Format	Size
952-RBM25-P0	Purified Ab with BSA and Azide	20 ug
952-RBM25-P1	Purified Ab with BSA and Azide	100 ug

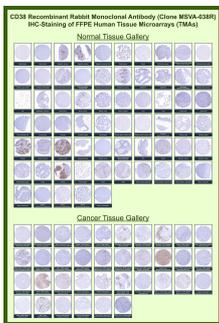
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1:50-1:100	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37°C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

Product Details

Clone	MSVA-038R
Immunogen	Synthetic peptide corresponding to residues within aa 200-300 of human CD38 (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	~45kDa (Glycoprotein); 35kDa (protein core)
Cellular Localization	Membrane
Species Reactivity	Human
Positive Control	Prostate: A strong CD38 positivity of epithelial cells should be seen.

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant CD38 (ADP Ribosyl Cyclase I) Antibody



ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1 Rabbit Recombinant Monoclonal Antibody (MSVA-038R) tested on many normal and cancer tissues. The immunohistochemistry staining in these tissues aligns with the expression data in Human Protein Atlas.

Specificity & Comments

CD38 is a type II transmembrane glycoprotein that is present on early B- and T-cell lineages and activated B- and T-cells but is absent from most mature resting peripheral lymphocytes. CD38 is found on thymocytes, pre-B cells, germinal center B-cells, mitogen-activated T-cells, monocytes and Ig-secreting plasma cells. CD38 is expressed on CD34+ cells. The CD34+CD38- population of hematopoietic stem cells define the most pluripotent cells (e.g. blast colony forming cells).

Supplied As

Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

B Cell Markers, Hematopoietic Stem Cells

Limitations and Warranty

This antibody is available for research use only and is not approved for diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.
