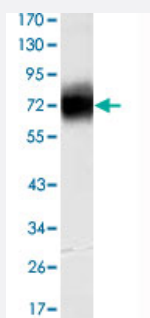


CD38 monoclonal antibody, clone 6E12D

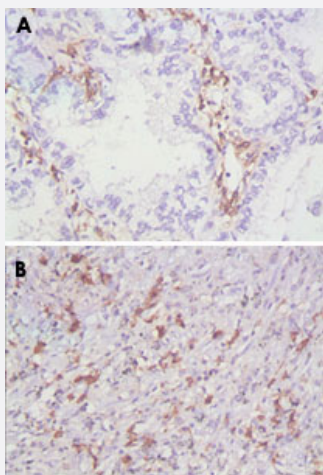
Catalog # MAB10535 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis using CD38 monoclonal antibody, clone 6E12D (Cat # MAB10535) against CD38-hlgGfc transfected HEK293 cell lysate.



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

Immunohistochemical analysis of paraffin-embedded human lung cancer (A), lymphonodus tissue (B), showing cytomembrane localization using CD38 monoclonal antibody, clone 6E12D (Cat # MAB10535) with DAB staining.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant CD38.
Immunogen	Recombinant protein corresponding to human CD38.
Host	Mouse
Theoretical MW (kDa)	34
Reactivity	Human

Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

- Western Blot (Transfected lysate)

Western blot analysis using CD38 monoclonal antibody, clone 6E12D (Cat # MAB10535) against CD38-hlgGFc transfected HEK293 cell lysate.

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- Enzyme-linked Immunoabsorbent Assay

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](#)