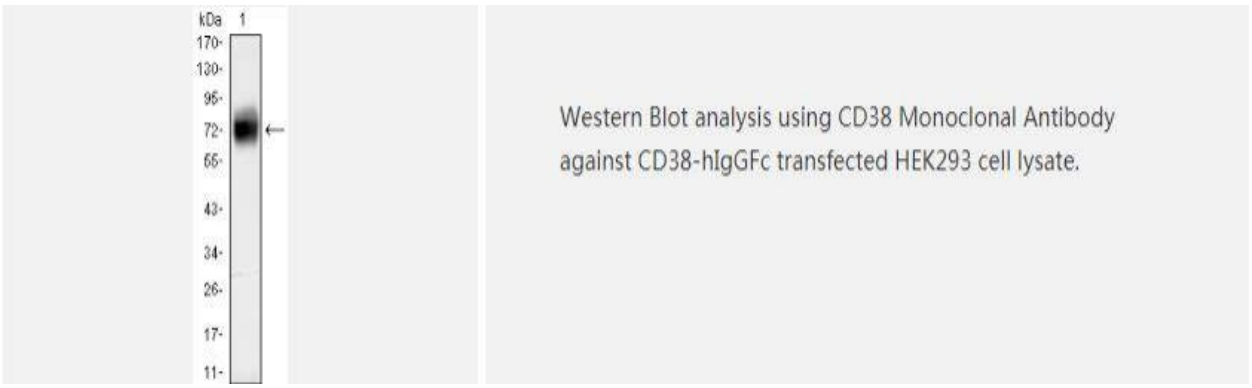
PRODUCT DATA SHEET

CD38 Monoclonal Antibody

Catalog No.	IMB0041
Reactivity	Human
Applications	WB; IHC-p; ELISA
Gene Name	CD38
Protein Name	ADP-ribosyl cyclase 1
Human Gene Id	952
Swiss-Prot	P28907
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:500-1:2000 IHC: 1:200-1:1000 ELISA: 1:10000
PurIF:ication	Affinity purIF:ication
Concentration	-
Storage&Stability	-20°C/1 year
Background	The protein encoded by this gene is a non-lineage-restricted, type II transmembrane glycoprotein that synthesizes and hydrolyzes cyclic adenosine 5'-diphosphate-ribose, an intracellular calcium ion mobilizing messenger. The release of soluble protein and the ability of membrane-bound protein to become internalized indicate both extracellular and intracellular functions for the protein. This protein has an N-terminal cytoplasmic tail, a single membrane-spanning domain, and a C-terminal extracellular region with four N-glycosylation sites. Crystal structure analysis demonstrates that the functional molecule is a dimer, with the central portion containing the catalytic site. It is used as a prognostic marker for patients with chronic lymphocytic leukemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015],
Subcellular Location.	Membrane; Single-pass type II membrane protein.
BiowMW	-

Products Images:



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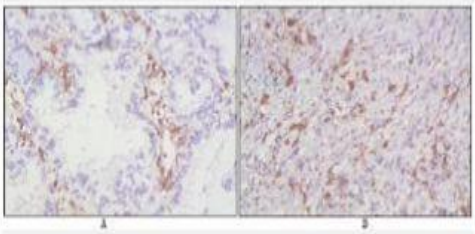

Immunohistochemistry analysis of paraffin-embedded human lung cancer (A), lymphonodus tissue (B), showing cytomembrane localization with DAB staining using CD38 Monoclonal Antibody.