PRODUCT DATA SHEET

CD38 (ABT-CD38) mouse mAb

Ready to use

Catalog No.	IML0161
Reactivity	Human
Applications	IHC-p
Gene Name	CD38
Protein Name	ADP-ribosyl cyclase 1 (EC 3.2.2.5) (Cyclic ADP-ribose hydrolase 1) (cADPr hydrolase 1) (T10) (CD antigen CD38)
Human Gene Id	952
Swiss-Prot	P28907
Formulation	Liquid in PBS containing, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse:IgG1, Kappa
Dilution	Ready to use for IHC-p
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	-
Storage&Stability	4°C: 1 years
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.
Subcellular Location	Membranous
BiowMW	-

Products Images: