

CD38 (PTR1380) recombinant Mouse mAb

CatalogNo: YM4235 **Recombinant** 

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- Flow Cyt, ELISA

MW

- 90kD (Observed)

Isotype

- IgG1, Kappa

Recommended Dilution Ratios

ELISA 1:5000-100000

Flow Cyt 1-2µg/Test

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Phosphate-buffered solution

Basic Information

Clonality Monoclonal

Clone Number PTR1380

Immunogen Information

Immunogen Purified recombinant Human CD38

Specificity This recombinant monoclonal antibody can detect endogenous levels of CD38 protein.

Target Information

Gene name	CD38		
Protein Name	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1 (2'-phospho-ADP-ribosyl cyclase) (2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase) (2'-phospho-cyclic-ADP-ribose transferase) (ADP-ribosyl cyclase 1) (ADPRC 1) (Cyclic ADP-ribose hydrolase 1) (cADPr hydrolase 1) (T10) (CD antigen CD38)		
	Organism	Gene ID	UniProt ID
	Human	948 ;	P28907 ;
	Mouse	12491 ;	Q08857 ;
	Rat		Q07969 ;
Cellular Localization	Membrane; Single-pass type II membrane protein.		
Tissue specificity	Adipocyte,Liver,Mammary gland,Milk,Placenta,Platelet,Skeletal muscle,		
Function	Catalytic activity:NAD(+) + H(2)O = ADP-ribose + nicotinamide.,developmental stage:Preferentially expressed at both early and late stages of the B and T-cell maturation. It is also detected on erythroid and myeloid progenitors in bone marrow, where the level of surface expression was shown to decrease during differentiation of blast-forming unit E to colony-forming unit E.,enzyme regulation:ATP inhibits the hydrolyzing activity.,Synthesizes cyclic ADP-ribose, a second messenger for glucose-induced insulin secretion. Also has cADPr hydrolase activity. Also moonlights as a receptor in cells of the immune system.,online information:CD38 entry,similarity:Belongs to the ADP-ribosyl cyclase family.,tissue specificity:Expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma.,		

| Validation Data

| Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
CD38 (PTR1380)
recombinant Mouse mAb