antibodies - online.com







anti-CD38 antibody (AA 101-200)

Images



Overview

Quantity:	100 μL
Target:	CD38
Binding Specificity:	AA 101-200
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD38 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse CD38
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CD38
Abstract:	CD38 Products

Target Details

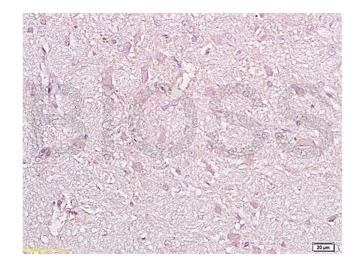
Background:	Synonyms: ADPRC 1, Cd38-rs1, ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1, 2'-phospho-
	ADP-ribosyl cyclase, 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase,
	2'-phospho-cyclic-ADP-ribose transferase, ADP-ribosyl cyclase 1, Cyclic ADP-ribose hydrolase 1,
	cADPr hydrolase 1, I-19, NIM-R5 antigen, CD38
	Background: Synthesizes the second messagers cyclic ADP-ribose and nicotinate-adenine
	dinucleotide phosphate, the former a second messenger for glucose-induced insulin secretion.
	Also has cADPr hydrolase activity (By similarity).
Gene ID:	12494
UniProt:	P56528

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

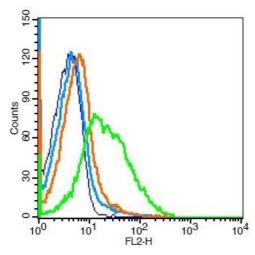
Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



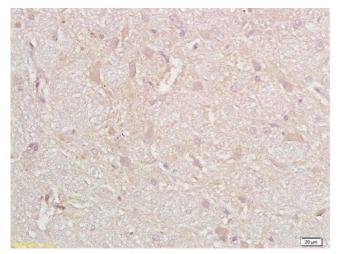
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain tissue with labeled Anti-CD38 Polyclonal Antibody, Unconjugated (ABIN730498) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Flow Cytometry

Image 2. Mouse splenocytes probed with CD38 Polyclonal Antibody, Unconjugated at 0.2ug for 30 minutes followed by incubation with a PE Conjugated secondary (green) for 30 minutes compared to control cells (blue), secondary only (light blue) and isotype control (orange).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat brain tissue with labeled Anti-CD38 Polyclonal Antibody, Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining