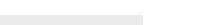
# antibodies -online.com





## anti-CD38 antibody (C-Term)







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Overview	
Quantity:	400 μL
Target:	CD38
Binding Specificity:	AA 241-270, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD38 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This CD38 antihody is generated from rabbits immunized with a KLH conjugated synthetic

Immunogen:	This CD38 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 241-270 amino acids from the C-terminal region of human CD38.
Clone:	RB18001
Isotype:	lg Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### **Target Details**

## **Target Details**

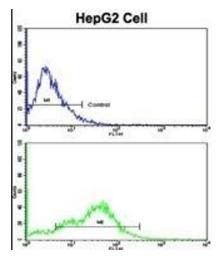
Abstract:	CD38 Products
Background:	CD38 is a novel multifunctional ectoenzyme widely expressed in cells and tissues especially in leukocytes. CD38 also functions in cell adhesion, signal transduction and calcium signaling.
Molecular Weight:	34328
Gene ID:	952
NCBI Accession:	NP_001766
UniProt:	P28907

## **Application Details**

Application Notes:	IF: 1:10~50. IF: 1:10~50. WB: 1:1000. WB: 1:4000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

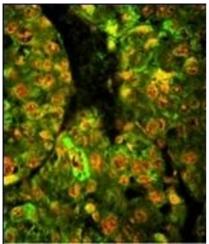
### Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



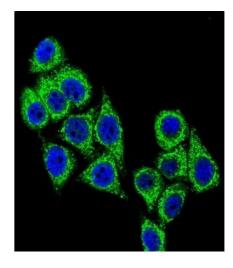
#### **Flow Cytometry**

**Image 1.** Flow cytometric analysis of HepG2 cells using CD38 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goatanti-rabbit secondary antibodies were used for the analysis.



#### **Immunofluorescence**

**Image 2.** Immunofluorescence analysis of CD38 Antibody (C-term) with paraffin-embedded human hepatocarcinoma tissue. 0.05 mg/mL primary antibody was followed by FITC-conjugated goat anti-rabbit IgG (whole molecule). FITC emits green fluorescence.Red counterstaining is PI.



#### **Immunofluorescence**

**Image 3.** Confocal immunofluorescent analysis of CD38 Antibody (C-term) (ABIN389405 and ABIN2839493) with Hela cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DI was used to stain the cell nuclear (blue).

Please check the product details page for more images. Overall 6 images are available for ABIN389405.