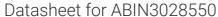
antibodies - online.com







anti-CD38 antibody (AA 241-270)

Images



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Quantity:	0.4 mL	
Target:	CD38	
Binding Specificity:	AA 241-270	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CD38 antibody is un-conjugated	
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), ELISA	

Abstract:

Product Details	
Immunogen:	A portion of amino acids 241-270 from the human protein was used as the immunogen for this CD38 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Primate
Purification:	Purified
Target Details	
Target:	CD38

CD38 Products

Target Details

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.	
UniProt:	P28907	

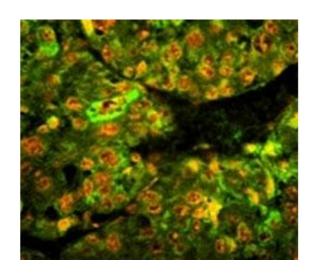
Application Details

Application Notes:	Titration of the CD38 antibody may be required due to differences in protocols and	
	secondary/substrate sensitivity.\. Western blot: 1:1000-4000,IHC (Paraffin): 1:50-	
	1:100,Immunofluorescence: 1:10-1:50,Flow Cytometry: 1:10-1:50	
Restrictions:	For Research Use only	

Handling

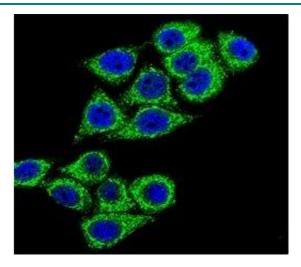
Format:	Liquid	
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Aliquot the CD38 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.	

Images



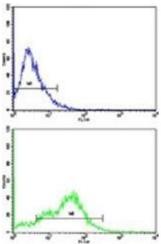
Immunofluorescence

Image 1. Immunofluorescence analysis of CD38 antibody with paraffin-embedded human hepatocarcinoma tissue. Primary Ab was followed by FITC-conjugated goat antirabbit IgG. FITC emits green fluorescence. Red counterstaining is PI.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of CD38 antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



Flow Cytometry

Image 3. Flow cytometric analysis of HepG2 cells using CD38 antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-antirabbit secondary Ab was used for the analysis.

Please check the product details page for more images. Overall 10 images are available for ABIN3028550.