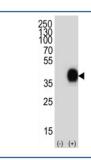


# CD38 Antibody (F48288)

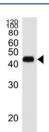
Catalog No.	Formulation	Size
F48288-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48288-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

## **Bulk quote request**

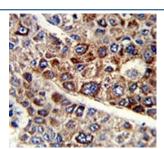
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Primate
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P28907
Applications	Western Blot: 1:1000-4000 IHC (Paraffin): 1:50-1:100 Immunofluorescence: 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This CD38 antibody is available for research use only.



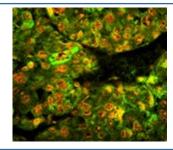
Western blot analysis of lysate from 293T cell line using CD38 antibody diluted at 1:1000.



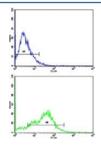
Western blot analysis of lysate from RPMI8226 cell line using CD38 antibody diluted at 1:1000.



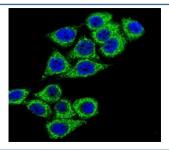
IHC analysis of FFPE human hepatocarcinoma with CD38 antibody



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



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



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).

### **Description**

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.

#### **Application Notes**

Titration of the CD38 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

A portion of amino acids 241-270 from the human protein was used as the immunogen for this CD38 antibody. **Storage** Aliquot the CD38 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles. Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com Copyright  $\ensuremath{\texttt{@}}$  NSJ Bioreagents. All rights reserved.