

CD38 Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 10818-T60

GENERAL INFORMATION

Immunogen:	Recombinant Human CD38 Protein (Catalog#10818-H08H)
Preparation	Produced in rabbits immunized with purified, recombinant Human CD38 (rh CD38; Catalog#10818-H08H; NP_001766.2; Val43-Ile300). CD38 specific IgG was purified by Human CD38 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human CD38
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

APPLICATIONS

Applications:	WB, ELISA, IHC-P, IP
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RECOMMENDED CONCENTRATION

IHC-P	IHC-P: 1:500-1:2000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP:1-5µL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human CD38.

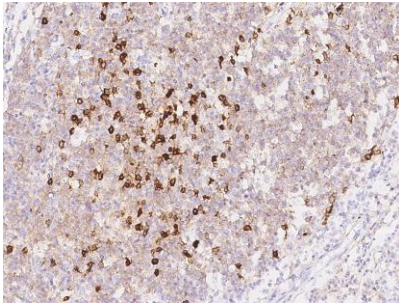
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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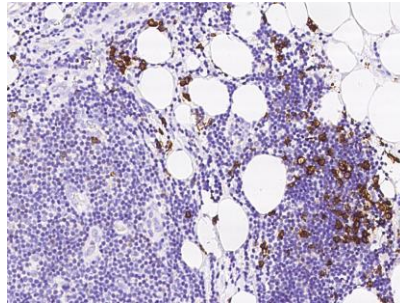
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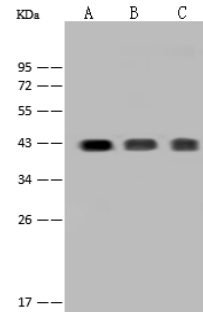
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Immunohistochemical staining of human CD38 in human tonsil with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemical staining of human CD38 in human lymph node with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



Anti-CD38 rabbit polyclonal antibody at 1:500 dilution

Lane A: Jurkat Whole Cell Lysate

Lane B: THP-1 Whole Cell Lysate

Lane C: HuT-78 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary

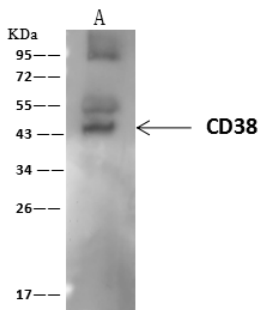
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 34 kDa

Observed band size: 43 kDa



CD38 was immunoprecipitated using:
Lane A: 0.5 mg Jurkat Whole Cell Lysate

4 µL anti-CD38 rabbit polyclonal antibody and
60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:

Anti-CD38 rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:

Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 34 kDa

Observed band size: 43 kDa

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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<http://www.sinobiological.com>