

# Product Datasheet

## CD40 Ligand/TNFSF5 Antibody (JM11-34) NBP2-66756

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-66756**

CD40 Ligand/TNFSF5 Antibody (JM11-34)

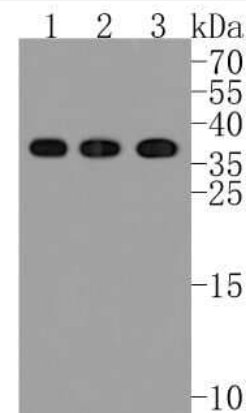
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM11-34
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit CD40 Ligand/TNFSF5 Antibody (JM11-34) (NBP2-66756) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	959
Gene Symbol	CD40LG
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human CD40 Ligand/TNFSF5 aa 103-150 / 261. (SwissProt: P29965 Human; SwissProt: P27548 Mouse; SwissProt: Q9Z2V2 Rat)

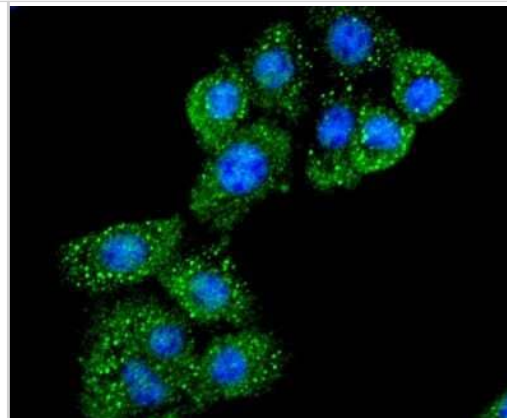
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

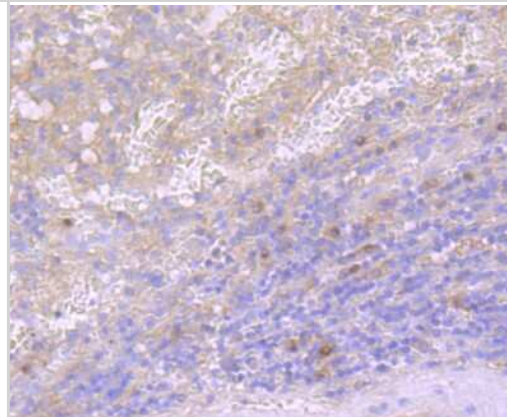
Western Blot: CD40 Ligand/TNFSF5 Antibody (JM11-34) [NBP2-66756]  
 - Western blot analysis of CD40 Ligand/TNFSF5 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: mouse liver tissue lysate Lane 2: rat liver tissue lysate Lane 2: mouse bone marrow tissue lysate



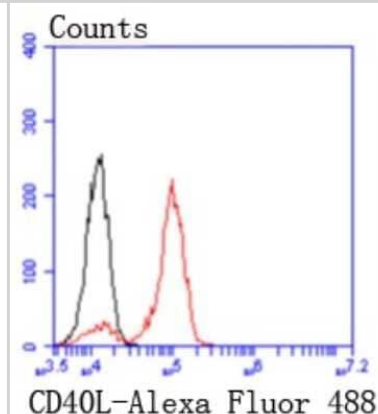
Immunocytochemistry/Immunofluorescence: CD40 Ligand/TNFSF5 Antibody (JM11-34) [NBP2-66756] - Staining CD40L in NIH-3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



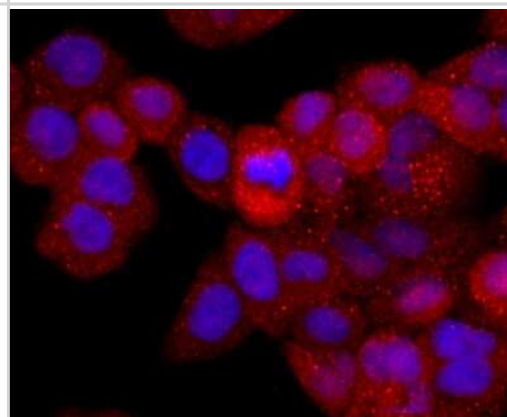
Immunohistochemistry-Paraffin: CD40 Ligand/TNFSF5 Antibody (JM11-34) [NBP2-66756] - Analysis of paraffin-embedded human spleen tissue using anti- CD40L antibody. Counter stained with hematoxylin.



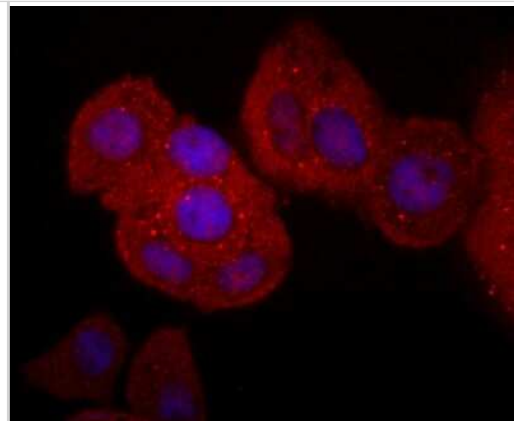
Flow Cytometry: CD40 Ligand/TNFSF5 Antibody (JM11-34) [NBP2-66756] - Analysis of THP-1 cells with CD40L antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



Immunocytochemistry/Immunofluorescence: CD40 Ligand/TNFSF5 Antibody (JM11-34) [NBP2-66756] - Staining CD40L in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: CD40 Ligand/TNFSF5 Antibody (JM11-34) [NBP2-66756] - Staining CD40L in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





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### **Products Related to NBP2-66756**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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