

# Product Datasheet

## CD40/TNFRSF5 Antibody (CL1673) - BSA Free NBP2-34488

Unit Size: 0.1 ml

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

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Updated 2/27/2025 v.20.1

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**NBP2-34488**

CD40/TNFRSF5 Antibody (CL1673) - BSA Free

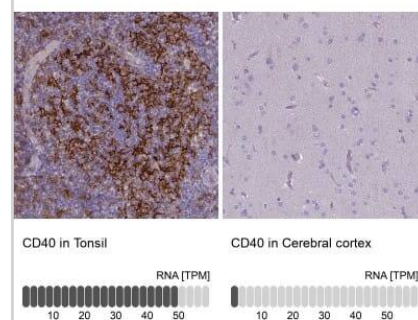
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL1673
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	958
Gene Symbol	CD40
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from P25942, with the exact immunogen sequence remaining proprietary.

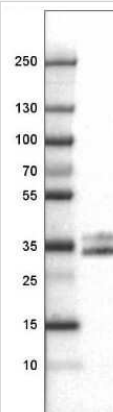
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

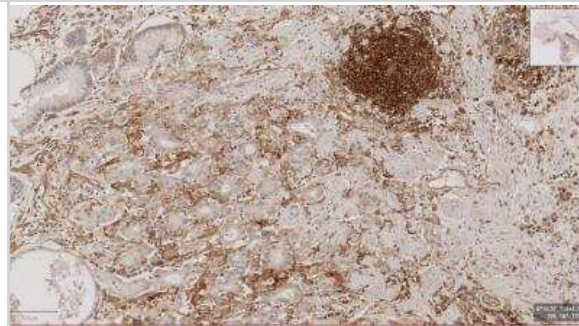
Immunohistochemistry-Paraffin: CD40/TNFRSF5 Antibody (CL1673) [NBP2-34488] - Staining in human tonsil and cerebral cortex tissues. Corresponding CD40 RNA-seq data are presented for the same tissues.



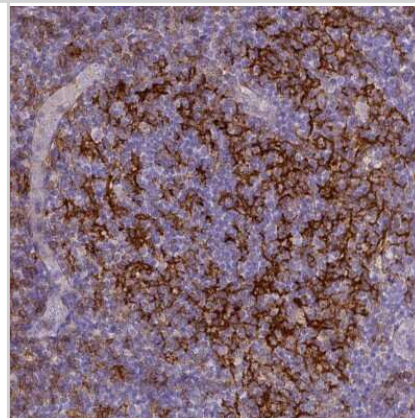
Western Blot: CD40/TNFRSF5 Antibody (CL1673) [NBP2-34488] - Lane 1: Marker [kDa] Lane 2: Human spleen



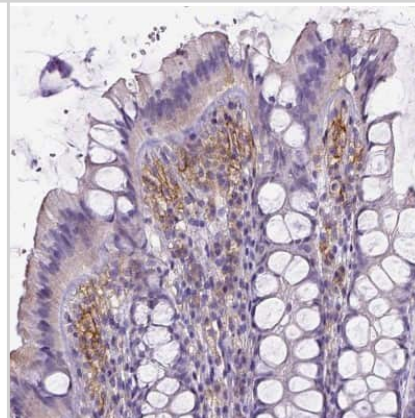
Immunohistochemistry-Paraffin: CD40/TNFRSF5 Antibody (CL1673) [NBP2-34488] - Human stomach cancer FFPE block stained with CD40 antibody at 1:6000 overnight. Antigen retrieval at pH 9. IHC-P image submitted by a verified customer review.



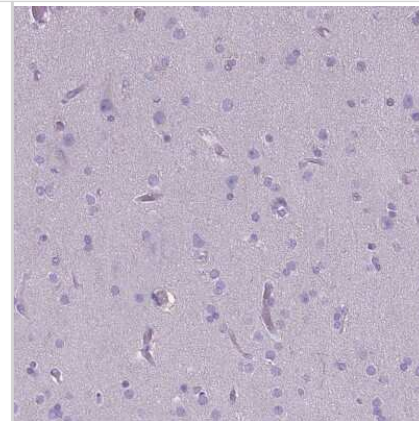
Immunohistochemistry-Paraffin: CD40/TNFRSF5 Antibody (CL1673) [NBP2-34488] - Staining of human tonsil shows strong membranous positivity in germinal center cells.



Immunohistochemistry-Paraffin: CD40/TNFRSF5 Antibody (CL1673) [NBP2-34488] - Staining of human colon shows moderate membranous positivity in lymphoid cells.



Immunohistochemistry-Paraffin: CD40/TNFRSF5 Antibody (CL1673) [NBP2-34488] - Staining of human cerebral cortex shows no positivity in neuronal cells as expected.



## Publications

Stirm K, Leary P, Wüst D et al. Treg-selective IL-2 starvation synergizes with CD40 activation to sustain durable responses in lymphoma models Journal for immunotherapy of cancer 2023-02-01 [PMID: 36822670] (IHC, Human)



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### **Products Related to NBP2-34488**

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NBP2-34488PEP	CD40/TNFRSF5 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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