

# Product Datasheet

## CD38 Antibody - BSA Free NBP2-38668

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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**NBP2-38668**

CD38 Antibody - BSA Free

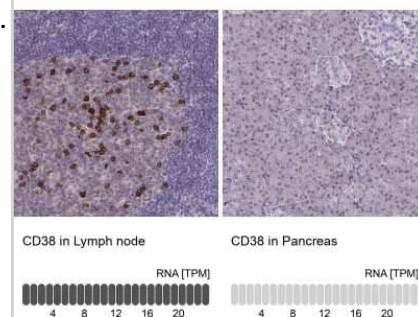
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2), 40% Glycerol
Target Molecular Weight	34.4 kDa

Product Description	
Host	Rabbit
Gene ID	952
Gene Symbol	CD38
Species	Human
Immunogen	This CD38 antibody was developed against a recombinant protein corresponding to amino acids: GTTKRFPETVLARCVKYTEIHPEMRHVDCQSVWDAFKGAFISKHPCNITEEDY QPLMKLGTQTVPCNKILLWSRIKDLAQFTQVQRDMFTLEDLLGYLADDLTW CGEFNTSKINYQSCPDWRKDC

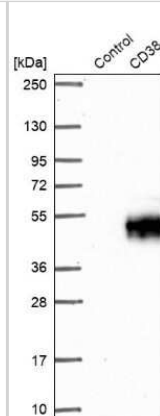
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/mL, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

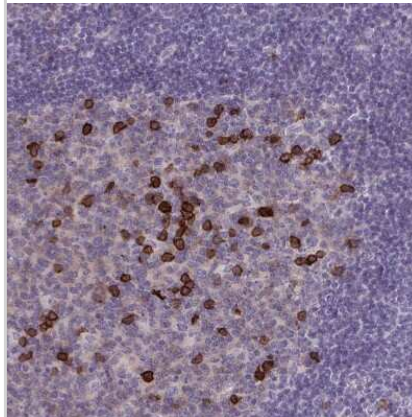
Immunohistochemistry-Paraffin: CD38 Antibody [NBP2-38668] - Staining in human lymph node and pancreas tissues using NBP2-38668 antibody. Corresponding CD38 RNA-seq data are presented for the same tissues.



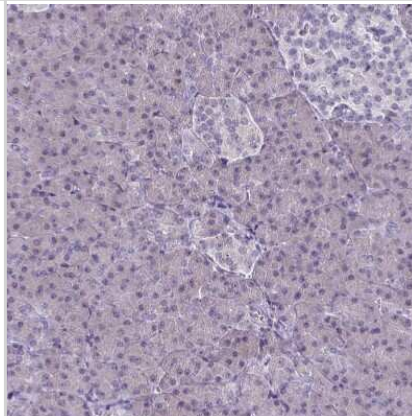
Western Blot: CD38 Antibody [NBP2-38668] - Analysis in control (vector only transfected HEK293T lysate) and CD38 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry-Paraffin: CD38 Antibody [NBP2-38668] - Staining of human lymph node shows strong membranous positivity in lymphoid cells.



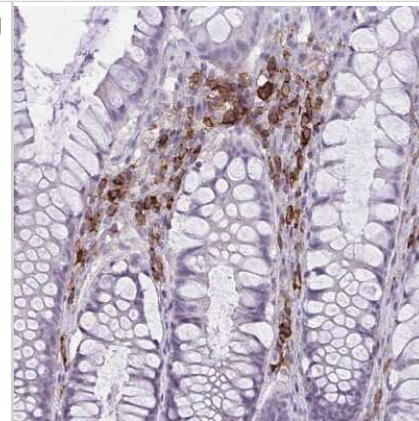
Immunohistochemistry-Paraffin: CD38 Antibody [NBP2-38668] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: CD38 Antibody [NBP2-38668] - Staining of human prostate shows strong membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: CD38 Antibody [NBP2-38668] - Staining of human rectum shows strong membranous positivity in lymphoid cells.





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### **Products Related to NBP2-38668**

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NBP2-38668PEP	CD38 Recombinant Protein Antigen
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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