

Product Datasheet

Integrin alpha 2b/CD41 Antibody - BSA Free NBP1-84581

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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NBP1-84581

Integrin alpha 2b/CD41 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) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	3674
Gene Symbol	ITGA2B
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (82%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GATGHNIPQKLSLNAELQLDRQKPRQGRRVLLLSGSQQAGTTLNLDLGGKHSPICHTTMAFLRDEADFRDKLSPIVLSLNVSLPPTTEAGMAPAV

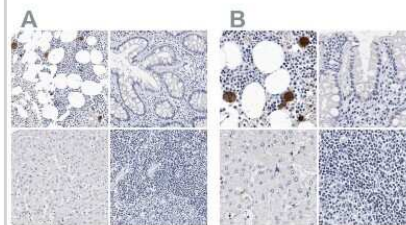
Product Application Details	
Applications	Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Simple Western 1:25, Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10-15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in HEL lysates, separated by Size, antibody dilution of 1:25

Images

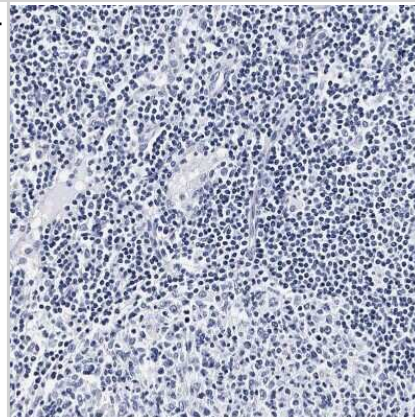
Immunohistochemistry-Paraffin: Integrin alpha 2b/CD41 Antibody [NBP1-84581] - Analysis in human bone marrow and colon tissues. Corresponding Integrin alpha 2b/CD41 RNA-seq data are presented for the same tissues.



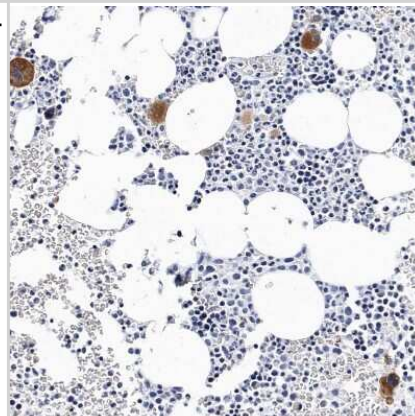
Immunohistochemistry-Paraffin: Integrin alpha 2b/CD41 Antibody [NBP1-84581] - Staining of human bone marrow, colon, liver and lymph node using Anti-ITGA2B antibody NBP1-84581 (A) shows similar protein distribution across tissues to independent antibody NBP1-84579 (B).



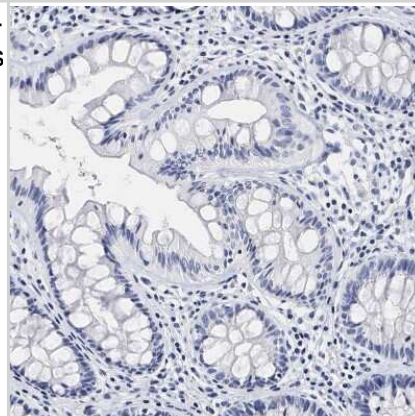
Immunohistochemistry-Paraffin: Integrin alpha 2b/CD41 Antibody [NBP1-84581] - Staining of human lymph node shows no positivity in non-germinal center cells as expected.



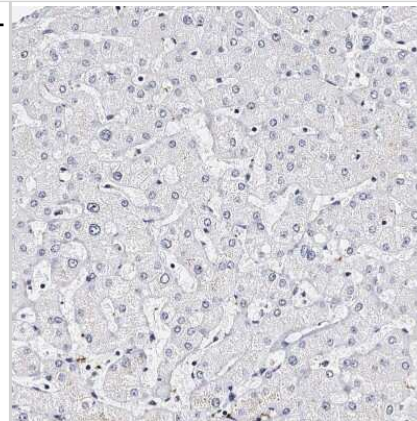
Immunohistochemistry-Paraffin: Integrin alpha 2b/CD41 Antibody [NBP1-84581] - Staining of human bone marrow shows strong cytoplasmic positivity in megakaryocytes.



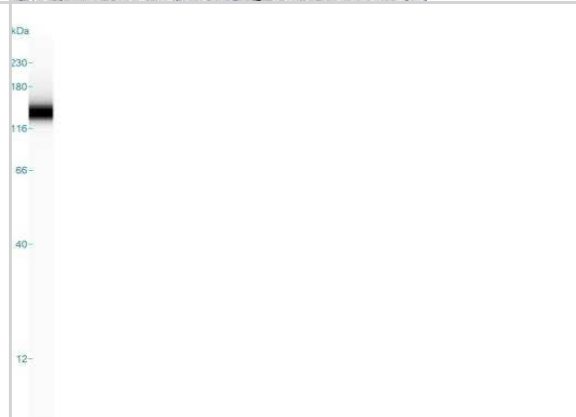
Immunohistochemistry-Paraffin: Integrin alpha 2b/CD41 Antibody [NBP1-84581] - Staining of human colon shows no positivity in glandular cells as expected.



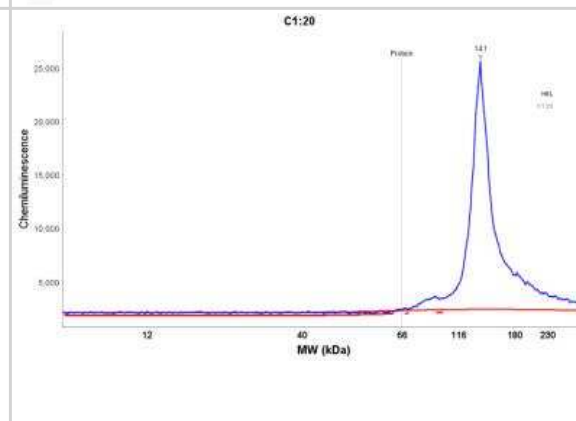
Immunohistochemistry-Paraffin: Integrin alpha 2b/CD41 Antibody [NBP1-84581] - Staining of human liver shows no positivity in hepatocytes as expected.



Simple Western: Integrin alpha 2b/CD41 Antibody [NBP1-84581] - Simple Western lane view shows a specific band for Integrin alpha 2b/CD41 in 0.2 mg/ml of HEL lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation systems.



Simple Western: Integrin alpha 2b/CD41 Antibody [NBP1-84581] - Electropherogram image of the corresponding Simple Western lane view. Integrin alpha 2b/CD41 antibody was used at 1:25 dilution on HEL lysate(s) respectively.



Publications

Zar M, Campodonico J, Cosentino N et al. Plasma Exosome Profile in ST-Elevation Myocardial Infarction Patients with and without Out-of-Hospital Cardiac Arrest International Journal of Molecular Sciences 2021-07-28 [PMID: 34360827] (Western Blot)



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Products Related to NBP1-84581

NBP1-84581PEP	Integrin alpha 2b/CD41 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

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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