

Product Datasheet

Integrin alpha V/CD51 Antibody - BSA Free NBP1-85746

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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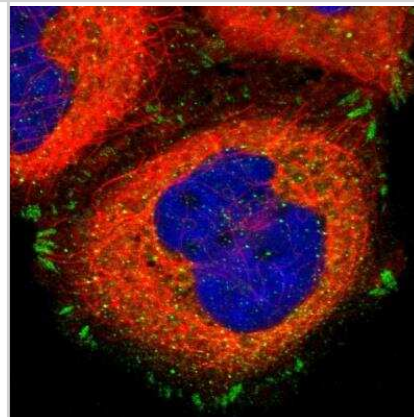
NBP1-85746

Integrin alpha V/CD51 Antibody - BSA Free

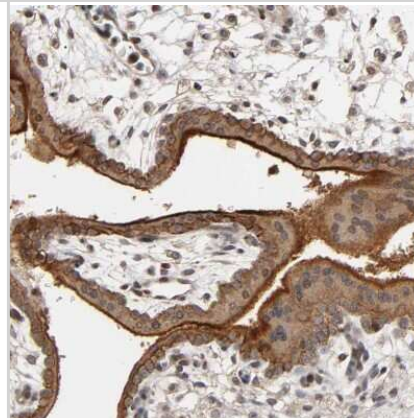
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	3685
Gene Symbol	ITGAV
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DHLITKRDLALSEGDIHTLGCGVAQCLKIVCQVGRDLDRGKSAILYVKSLLTETFMNKENQNHYSYSLKSSASFNVIEFPYKNLPIEDITNSTLVTTNVTWG
Product Application Details	
Applications	Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Simple Western 1:25, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. 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 RT-4 lysate, separated by Size, antibody dilution of 1:25, apparent MW was 173 kDa.

Images

Immunocytochemistry/Immunofluorescence: Integrin alpha V/CD51 Antibody [NBP1-85746] - Staining of human cell line A-431 shows localization to cytosol & focal adhesion sites. Antibody staining is shown in green.



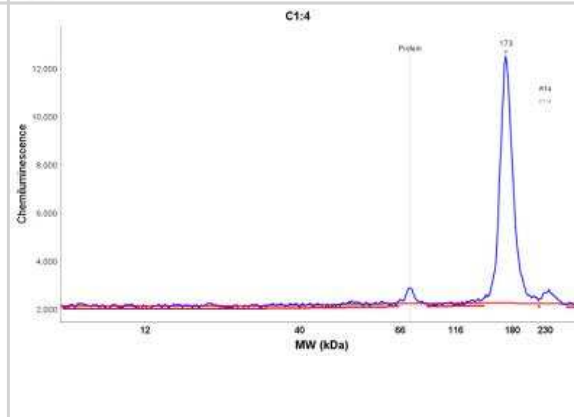
Immunohistochemistry-Paraffin: Integrin alpha V/CD51 Antibody [NBP1-85746] - Staining of human placenta shows strong cytoplasmic and membranous positivity in trophoblastic cells.



Simple Western: Integrin alpha V/CD51 Antibody [NBP1-85746] - Simple Western lane view shows a specific band for ITGAV in 0.2 mg/ml of RT4 lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: Integrin alpha V/CD51 Antibody [NBP1-85746] - Electropherogram image of the corresponding Simple Western lane view. ITGAV antibody was used at 1:25 dilution on RT4 lysate(s) respectively.



Publications

Stueven NA, Beauvais DM, Hu R et al. Inhibiting IGF1R-mediated Survival Signaling in Head and Neck Cancer with the Peptidomimetic SSTN(IGF1R) Cancer Research Communications 2023-01-19 [PMID: 36968227] (In vivo assay)



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Products Related to NBP1-85746

NBP1-85746PEP	Integrin alpha V/CD51 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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