

Product Datasheet

Integrin alpha 5/CD49e Antibody (CL6951) - Azide and BSA Free NBP3-44404

Unit Size: 100 ug

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

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NBP3-44404

Integrin alpha 5/CD49e Antibody (CL6951) - Azide and BSA Free

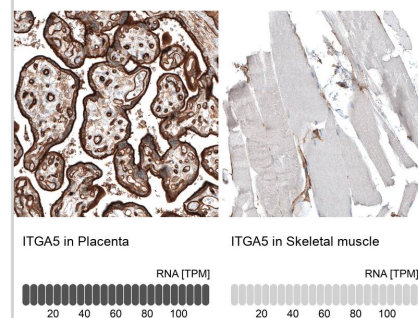
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL6951
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Description	Novus Biologicals Mouse Integrin alpha 5/CD49e Antibody (CL6951) - Azide and BSA Free (NBP2-76520) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3678
Gene Symbol	ITGA5
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P08648, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:10000 - 1:20000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

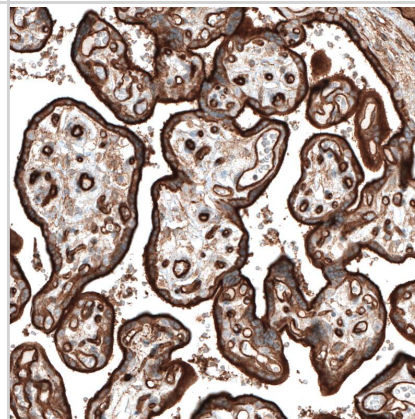
Analysis in human placenta and skeletal muscle tissues using NBP3-44404 antibody. Corresponding Integrin alpha 5/CD49e RNA-seq data are presented for the same tissues.



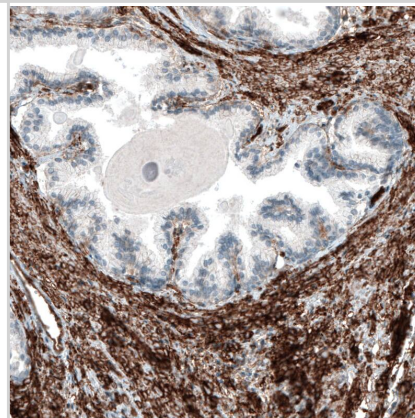
Staining of human skeletal muscle shows no positivity in striated muscle fibers as expected.



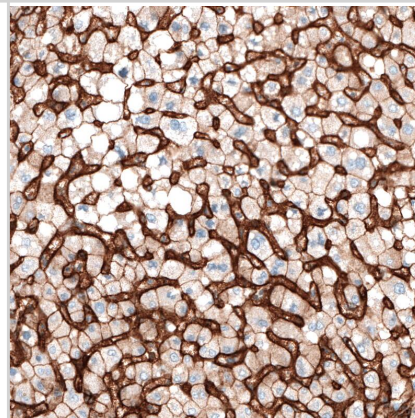
Staining of human placenta shows strong positivity in apical membranes of trophoblastic cells.



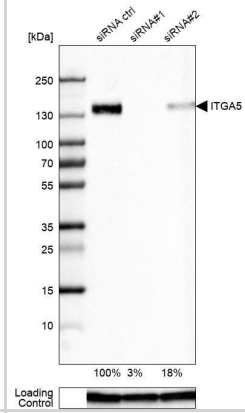
Staining of human prostate shows strong membranous positivity in smooth muscle cells.



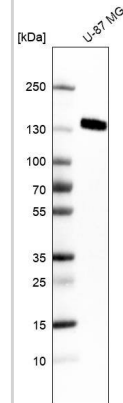
Staining of human liver shows strong positivity in liver sinusoids.



Analysis in U-87MG ATCC cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-Integrin alpha 5/CD49e antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Analysis in human cell line U-87 MG.





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Products Related to NBP3-44404

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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