

Product Datasheet

Integrin alpha 1/CD49a Antibody (CL7207) - Azide and BSA Free NBP3-44430

Unit Size: 100 ul

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

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NBP3-44430

Integrin alpha 1/CD49a Antibody (CL7207) - Azide and BSA Free

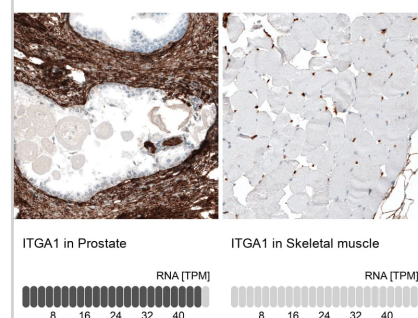
Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL7207
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	3672
Gene Symbol	ITGA1
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P56199, with the exact immunogen sequence remaining proprietary.

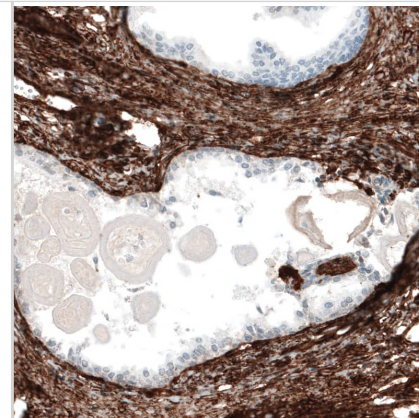
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Use in Block/Neutralize reported in scientific literature (PMID:31750298).

Images

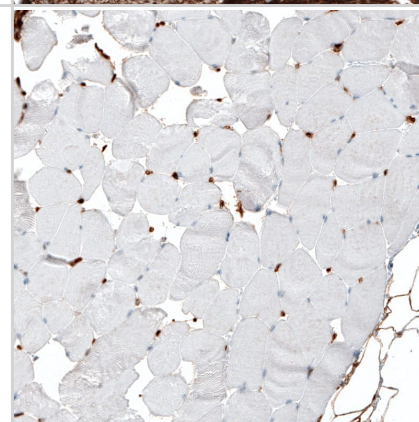
Analysis in human prostate and skeletal muscle tissues using NBP3-44430 antibody. Corresponding Integrin alpha 1/CD49a RNA-seq data are presented for the same tissues.



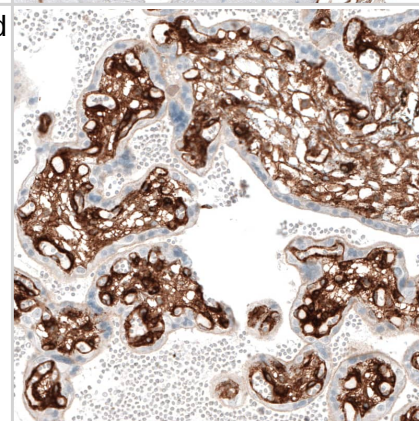
Staining of human prostate shows strong membranous positivity in smooth muscle cells.



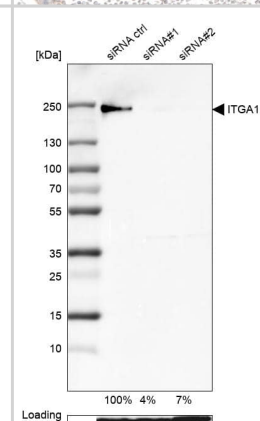
Staining of human skeletal muscle shows no positivity in striated muscle fibers as expected.



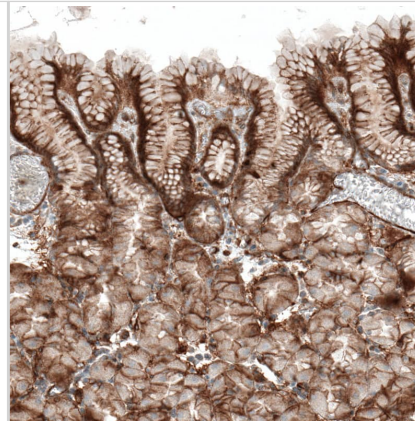
Staining of human placenta shows strong membranous positivity in blood vessels and loose connective tissue of chorionic villi.



Analysis in U-138MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-Integrin alpha 1/CD49a antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Staining of human stomach shows moderate membranous positivity in glandular cells.





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Products Related to NBP3-44430

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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)

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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