

# Product Datasheet

## **Integrin alpha 6/CD49f Antibody (CL6957) - Azide and BSA Free** **NBP3-44394**

Unit Size: 100 ul

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

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**NBP3-44394**

Integrin alpha 6/CD49f Antibody (CL6957) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL6957
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

**Product Description**

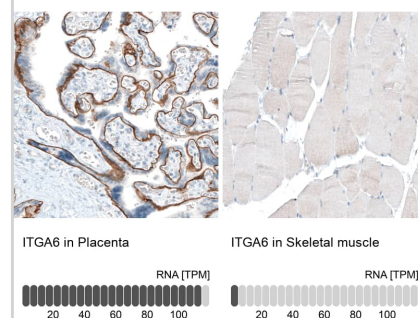
<b>Host</b>	Mouse
<b>Gene ID</b>	3655
<b>Gene Symbol</b>	ITGA6
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was generated using a recombinant protein sequence of P23229, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

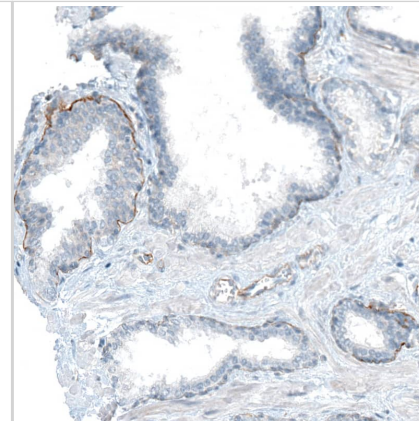
<b>Applications</b>	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

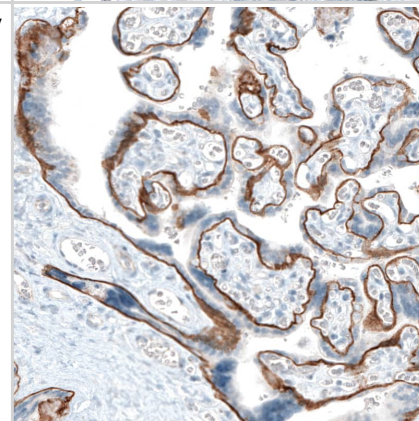
Analysis in human placenta and skeletal muscle tissues using NBP3-44394 antibody. Corresponding Integrin alpha 6/CD49f RNA-seq data are presented for the same tissues.



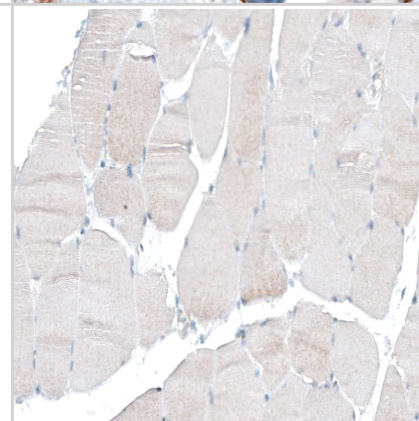
Staining of human prostate shows weak to moderate basement membrane positivity in glandular cells.



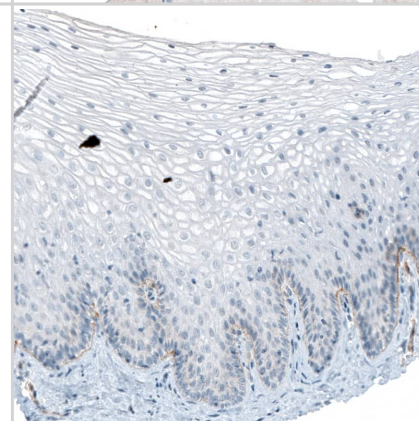
Staining of human placenta shows strong basement membrane positivity in trophoblastic cells.



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



Staining of human uterine cervix shows weak to moderate basement membrane positivity in squamous epithelium.





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### **Products Related to NBP3-44394**

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)
H00003655-Q01-10ug	Recombinant Human Integrin alpha 6/CD49f GST (N-Term) Protein

### **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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