

# Product Datasheet

## Integrin beta 1/CD29 Antibody (CL15622) - Azide and BSA Free NBP3-44158

Unit Size: 100 ug

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

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**NBP3-44158**

Integrin beta 1/CD29 Antibody (CL15622) - Azide and BSA Free

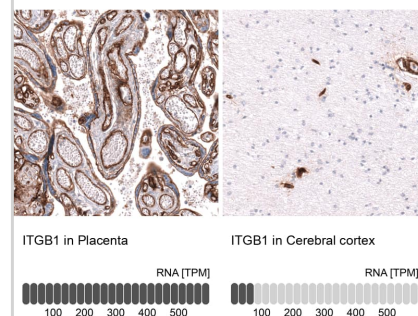
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL15622
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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	3688
Gene Symbol	ITGB1
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P05556, with the exact immunogen sequence remaining proprietary.

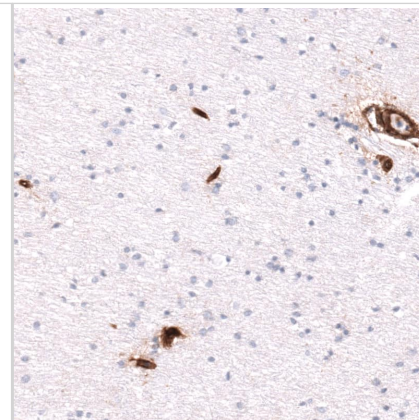
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:2500-1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

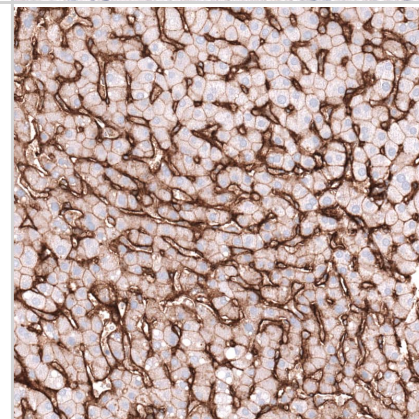
Analysis in human placenta and cerebral cortex tissues using NBP3-44158 antibody. Corresponding Integrin beta 1/CD29 RNA-seq data are presented for the same tissues.



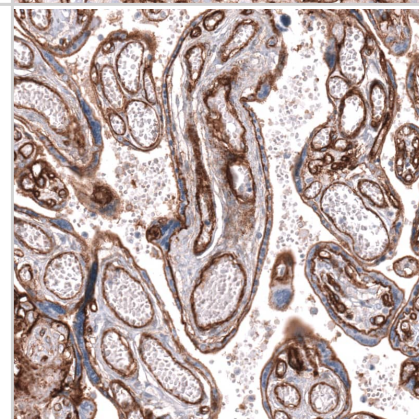
Staining of human cerebral cortex shows strong positivity in endothelial cells.



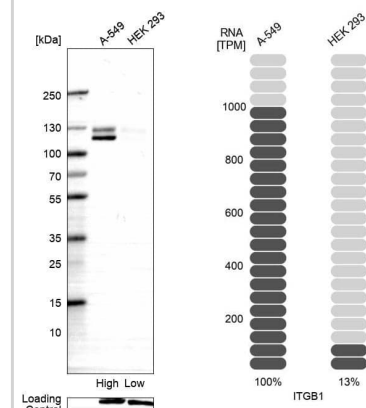
Staining of human liver shows strong positivity in sinusoids, as well as weaker membranous positivity in hepatocytes.



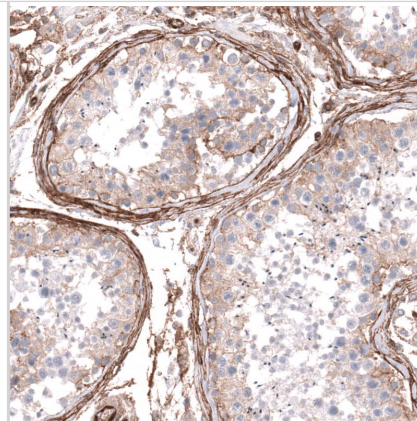
Staining of human placenta shows strong membranous positivity in endothelial cells.



Analysis in human cell lines A-549 and HEK293 using Anti-Integrin beta 1/CD29 antibody. Corresponding Integrin beta 1/CD29 RNA-seq data are presented for the same cell lines. Loading control: Anti-PARP1.



Staining of human testis shows strong membranous positivity in peritubular myoid cells.





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### **Products Related to NBP3-44158**

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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)

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### **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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