

Product Datasheet

Integrin alpha 2/CD49b Antibody (7O9H6) NBP3-15644-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-15644-100ul

Integrin alpha 2/CD49b Antibody (7O9H6)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7O9H6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	129 kDa

Product Description	
Host	Rabbit
Gene ID	3673
Gene Symbol	ITGA2
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1082-1181 of human Integrin alpha 2/CD49b (P17301). GTFASSTFQTVQLTAAAEINTYNPEIYVIEDNTVTIPLMIMKPDEKAEVPTGVIIGS IIAGILLLLALVAILWKLGFCKRKYEKMTKNPDEIDETTELSS

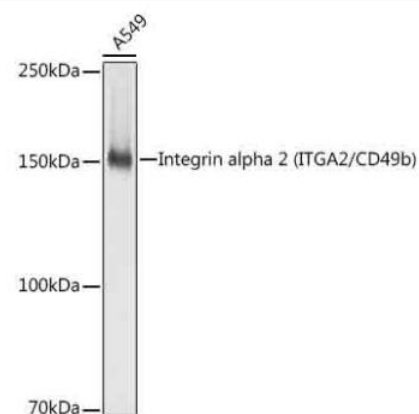
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:800, Immunohistochemistry-Paraffin 1:200 - 1:800, Knockout Validated

Images

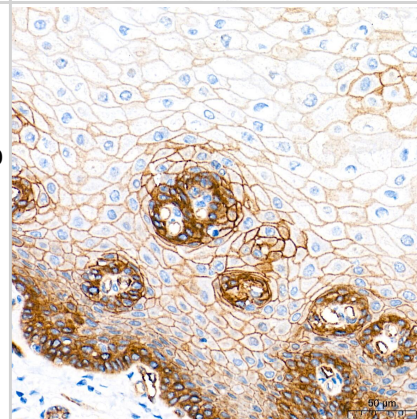
Western Blot: Integrin alpha 2/CD49b Antibody (7O9H6) [NBP3-15644] - Analysis of extracts of various cell lines, using Integrin alpha 2/CD49b (ITGA2/CD49b) antibody (NBP3-15644) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



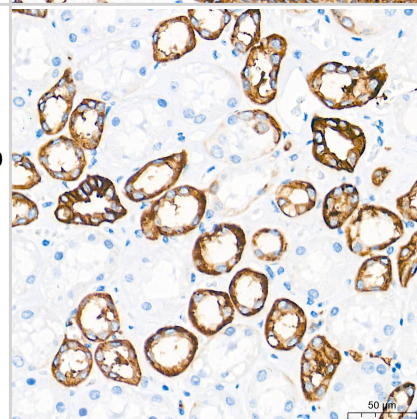
Western Blot: Integrin alpha 2/CD49b Antibody (7O9H6) [NBP3-15644] - Analysis of lysates from A549 cells, using [KO Validated] Integrin alpha 2 Rabbit mAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



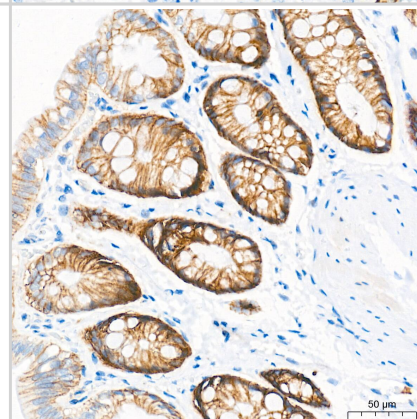
Immunohistochemistry: Integrin alpha 2/CD49b Antibody (7O9H6) [Integrin alpha 2/CD49b] - Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using [KO Validated] Integrin alpha 2/CD49b Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



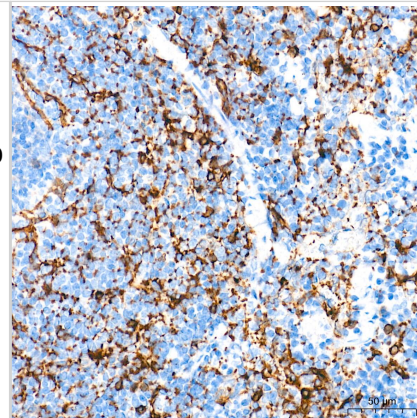
Immunohistochemistry: Integrin alpha 2/CD49b Antibody (7O9H6) [Integrin alpha 2/CD49b] - Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using [KO Validated] Integrin alpha 2/CD49b Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



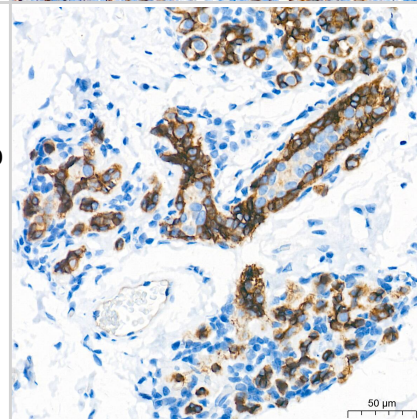
Immunohistochemistry: Integrin alpha 2/CD49b Antibody (7O9H6) [Integrin alpha 2/CD49b] - Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using [KO Validated] Integrin alpha 2/CD49b Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



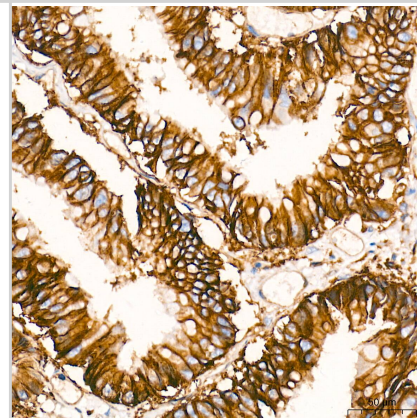
Immunohistochemistry: Integrin alpha 2/CD49b Antibody (7O9H6)
[Integrin alpha 2/CD49b] - Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using [KO Validated] Integrin alpha 2/CD49b Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: Integrin alpha 2/CD49b Antibody (7O9H6)
[Integrin alpha 2/CD49b] - Immunohistochemistry analysis of paraffin-embedded Human breast tissue using [KO Validated] Integrin alpha 2/CD49b Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry: Integrin alpha 2/CD49b Antibody (7O9H6)
[Integrin alpha 2/CD49b] - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using [KO Validated] Integrin alpha 2/CD49b Rabbit mAb at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.





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Products Related to NBP3-15644-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003673-Q01-10ug	Recombinant Human Integrin alpha 2/CD49b 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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