

Product Datasheet

Integrin alpha 3/CD49c Antibody (A7H2) NBP3-32475

Unit Size: 100 ul

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

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NBP3-32475**Integrin alpha 3/CD49c Antibody (A7H2)**

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	A7H2
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	117 kDa

Product Description	
Description	Novus Biologicals Mouse Integrin alpha 3/CD49c Antibody (A7H2) (NBP3-32475) is a monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3675
Gene Symbol	ITGA3
Species	Human
Immunogen	Recombinant protein within Human Integrin alpha-3 aa 51-250 / 1,051. (Uniprot: P26006)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: Integrin alpha 3/CD49c Antibody (A7H2) [NBP3-32475] - Western blot analysis of Integrin alpha 3/CD49c on different lysates with Mouse anti-Integrin alpha 3/CD49c antibody (NBP3-32475) at 1/1,000 dilution.

Lane 1: HeLa cell lysate (10 ug/Lane)
 Lane 2: HUVEC cell lysate (10 ug/Lane)
 Lane 3: A431 cell lysate (10 ug/Lane)
 Lane 4: Human kidney tissue lysate (20 ug/Lane)

Predicted band size: 117 kDa
 Observed band size: 130 kDa

Exposure time: 28 seconds;

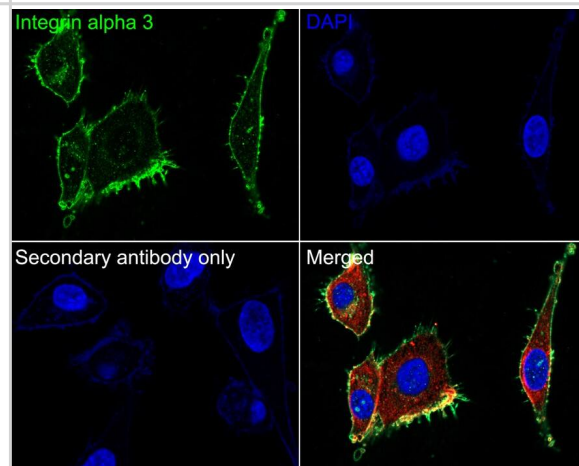
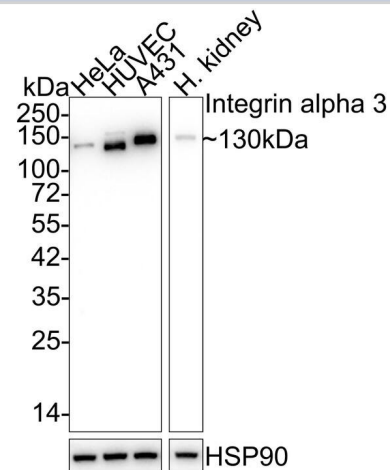
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32475) at 1/1,000 dilution was used in 5% NFDm/TBST at 4 overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: Integrin alpha 3/CD49c Antibody (A7H2) [NBP3-32475] - Immunocytochemistry analysis of U-87 MG cells labeling Integrin alpha 3/CD49c with Mouse anti-Integrin alpha 3/CD49c/CD49c antibody (NBP3-32475) at 1/100 dilution.

Cells were fixed in 100% precooled methanol for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Mouse anti-Integrin alpha 3/CD49c antibody (NBP3-32475) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

beta Tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32475

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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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