

Product Datasheet

Integrin alpha V/CD51 Antibody (P2W7) - BSA Free NB100-2618

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB100-2618

Integrin alpha V/CD51 Antibody (P2W7) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	P2W7
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	155 kDa

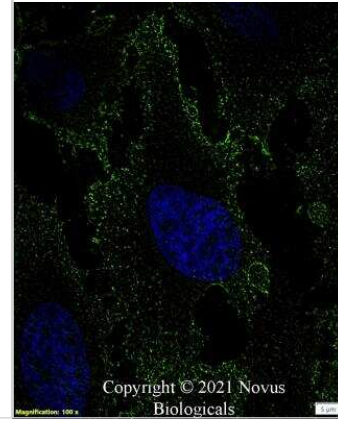
Product Description	
Description	Novus Biologicals Mouse Integrin alpha V/CD51 Antibody (P2W7) - BSA Free (NB100-2618) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-Integrin alpha V/CD51 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3685
Gene Symbol	ITGAV
Species	Human
Reactivity Notes	Not yet tested in other species.
Immunogen	An ocular melanoma cell line (V+B2) expressing high levels of human integrin alpha V beta 2.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 0.25 ug/10 ⁶ cells, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 8-25 ug/ml, Immunoprecipitation 1:10-1:500, CyTOF-ready
Application Notes	Human alpha v is about 150-160kDa under non-reducing conditions. Under reducing conditions it is cleaved into 2 bands of about 125-130kDa +20-25kDa. This antibody is CyTOF ready.



Images

Immunocytochemistry/Immunofluorescence: Integrin alpha V/CD51 Antibody (P2W7) [NB100-2618] - HeLa cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with Integrin alpha V/CD51 Antibody [P2W7] (NB100-2618) at 1 ug/ml overnight at 4C and detected with an anti-mouse Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Publications

Jin S, Lee WC, Aust D et al. beta 8 integrin mediates pancreatic cancer cell radiochemoresistance Mol. Cancer Res. 2019-07-23 [PMID: 31337672] (ICC/IF, Human)



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Products Related to NB100-2618

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]
NBP1-97005-0.5mg	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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