

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

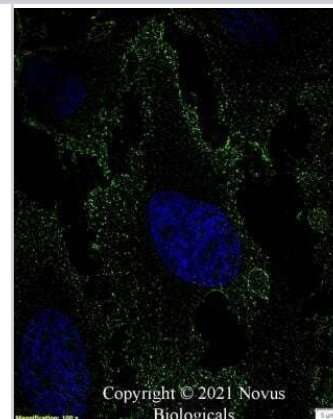
Product Description	
Description	Novus Biologicals Mouse Integrin alpha V/CD51 Antibody (P2W7) - BSA Free (NB100-2618) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-Integrin alpha V/CD51 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered 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

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)
NBP1-85746PEP	Integrin alpha V/CD51 Recombinant Protein Antigen

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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