

Product Datasheet

Integrin alpha 5/CD49e Antibody (SNAKA51) - BSA Free NBP2-50146

Unit Size: 0.1 ml

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

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NBP2-50146

Integrin alpha 5/CD49e Antibody (SNAKA51) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SNAKA51
Preservative	0.02% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	3678
Gene Symbol	ITGA5
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30194266).
Immunogen	Whole cells corresponding to human Integrin alpha 5/CD49e
Product Application Details	
Applications	Western Blot, Functional, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1:100 - 1:2000, Immunocytochemistry/Immunofluorescence 1:10 - 1:500, Functional
Application Notes	Functional: A representative lot of this antibody converts Integrin alpha5 beta 1 into a ligand competent form and promotes fibronectin binding. Immunocytochemistry/Immunofluorescence: A representative lot of this antibody detected Integrin alpha 5 in Primary human foreskin fibroblasts (hFF). Positive control(s): HeLa cells.

Publications

- Kurisinkal EE, Caroprese V, Koga MM et al. Selective Integrin alpha5 beta1 Targeting through Spatially Constrained Multivalent DNA-Based Nanoparticles Molecules (Basel, Switzerland) 2022-08-04 [PMID: 35956918] (ICC/IF, Human)
- Sundararaman A, Fukushima Y, Norman JC et al. RhoJ Regulates alpha 5 beta 1 Integrin Trafficking to Control Fibronectin Remodeling during Angiogenesis Curr. Biol. 2020-01-01 [PMID: 32302585]
- Albarran-Juarez J, Iring A, Wang S et al. Piezo1 and Gq/G11 promote endothelial inflammation depending on flow pattern and integrin activation. J. Exp. Med. 2018-09-07 [PMID: 30194266] (Mouse)



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Products Related to NBP2-50146

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-84576PEP	Integrin alpha 5/CD49e 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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