

Product Datasheet

Integrin alpha 4 beta 7/LPAM-1 Antibody (111D9.03) - Azide and BSA Free DDX1434P-100-0.1mg

Unit Size: 0.1 mg

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

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DDX1434P-100-0.1mg

Integrin alpha 4 beta 7/LPAM-1 Antibody (111D9.03) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
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	111D9.03
Preservative	No Preservative
Isotype	IgA
Purity	Ion exchange chromatography
Buffer	Tris-NaCl pH 8
Target Molecular Weight	130 kDa

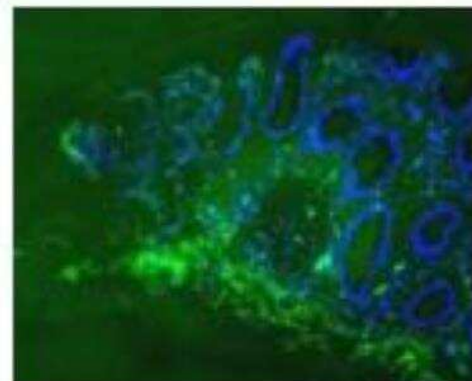
Product Description	
Description	Novus Biologicals Mouse Integrin alpha 4 beta 7/LPAM-1 Antibody (111D9.03) - Azide and BSA Free (DDX1434P-100) is a monoclonal antibody validated for use in IHC, Flow, ICC/IF and ChIP. Anti-Integrin alpha 4 beta 7/LPAM-1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3676
Gene Symbol	ITGA4
Species	Human, Porcine
Reactivity Notes	Use in Porcine reported in scientific literature (PMID:33809123).
Immunogen	rhua4b7 (R&D systems) and RPMI 8866 cells
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

Product Application Details	
Applications	Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Binding Activity, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunocytochemistry/ Immunofluorescence, Flow (Cell Surface), Chromatin Immunoprecipitation (ChIP), Binding Activity

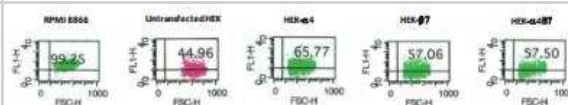


Images

Immunocytochemistry/Immunofluorescence: Integrin alpha 4 beta 7/LPAM-1 Antibody (111D9.03) [DDX1434P-100] - Gut sections (Crohn's disease).



Flow Cytometry: Integrin alpha 4 beta 7/LPAM-1 Antibody (111D9.03) [DDX1434P-100] - FACS staining of RPMI 8866 cells (alpha4+beta7+) and HEK transfected cells with DDX1434(111D9) monoclonal antibody.



Publications

Biki Gupta, Ravi Prakash Rai, Pabitra B. Pal, Daniel Rossmiller, Sudrishti Chaudhary, Anna Chiaro, Shannon Seaman, Aatur D. Singhi, Silvia Liu, Satdarshan P. Monga, Smita S. Iyer, Reben Raeman, Alessandra Mangia, Maria Guido Selective Targeting of $\alpha 4 \beta 7$ /MAdCAM-1 Axis Suppresses Fibrosis Progression by Reducing Proinflammatory T Cell Recruitment to the Liver Cells 2024-04-27 [PMID: 38727292]

Gupta B, Rai RP, Pal PB et al. Selective targeting of $\alpha 4 \beta 7$ /MAdCAM-1 axis suppresses fibrosis progression in chronic liver disease bioRxiv : the preprint server for biology 2023-02-21 [PMID: 36865167] (IHC-Fr, Human)

Yuan C, Li Y, Zhang E et al. The Mechanism of PEDV-Carrying CD3+ T Cells Migrate into the Intestinal Mucosa of Neonatal Piglets Viruses 2021-03-12 [PMID: 33809123] (FLOW, Porcine)



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Products Related to DDX1434P-100-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97030	Mouse IgA Kappa Isotype Control (MAK)
210-TA-005	TNF-alpha [Unconjugated]

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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