

Product Datasheet

LAP (TGF-beta 1) Antibody (7F6) - BSA Free NBP2-22114

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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NBP2-22114

LAP (TGF-beta 1) Antibody (7F6) - BSA Free

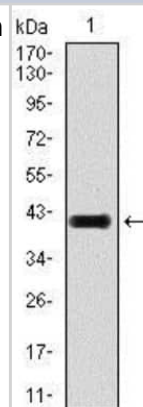
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7F6
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	44.3 kDa

Product Description	
Host	Mouse
Gene ID	7040
Gene Symbol	TGFB1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26851347). Rat reactivity reported in scientific literature (PMID: 30147399).
Immunogen	Purified recombinant fragment of human TGF beta 1 (amino acids 62-197) expressed in E. coli. [UniProt# P01137]

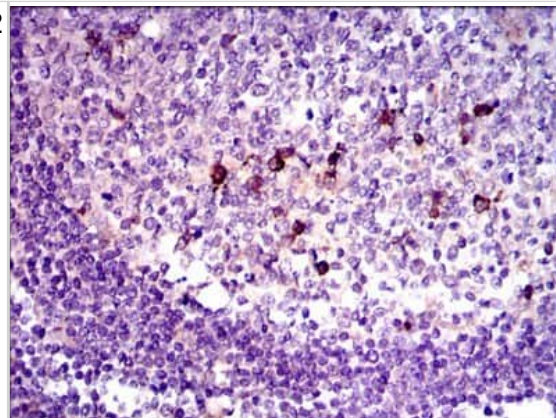
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry reported in scientific literature (PMID 30147399), Immunohistochemistry-Paraffin reported by customer review

Images

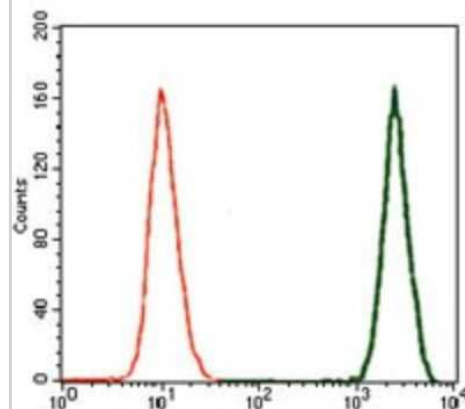
Western Blot: LAP (TGF-beta 1) Antibody (7F6) [NBP2-22114] - Western blot analysis using TGF beta 1 mAb against human LAP (TGF-beta 1) recombinant protein. (Expected MW is 41 kDa)



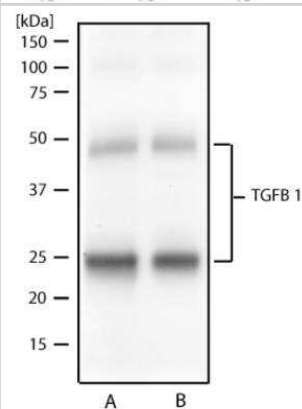
Immunohistochemistry-Paraffin: LAP (TGF-beta 1) Antibody (7F6) [NBP2-22114] - Immunohistochemical analysis of paraffin-embedded lymphoid tissue tissues using LAP (TGF-beta 1) mouse mAb with DAB staining.



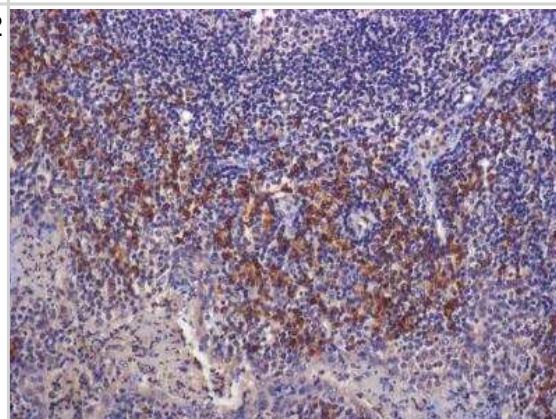
Flow Cytometry: LAP (TGF-beta 1) Antibody (7F6) [NBP2-22114] - Flow cytometric analysis of A549 cells using LAP (TGF-beta 1) mouse mAb (green) and negative control (red).



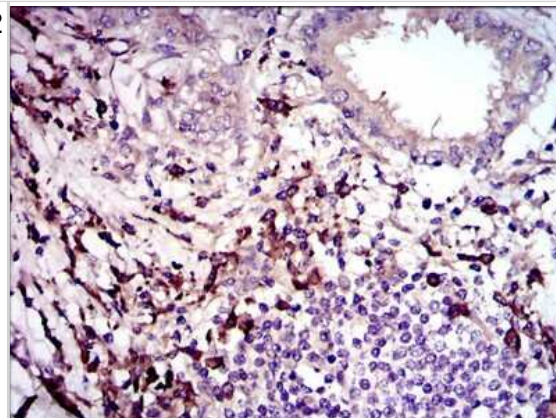
Western Blot: LAP (TGF-beta 1) Antibody (7F6) [NBP2-22114] - Western blot analysis of human stomach tissue (A) and human small intestine tissue (B) using TGF beta 1 antibody (NBP2-22114) at 2 ug/ml.



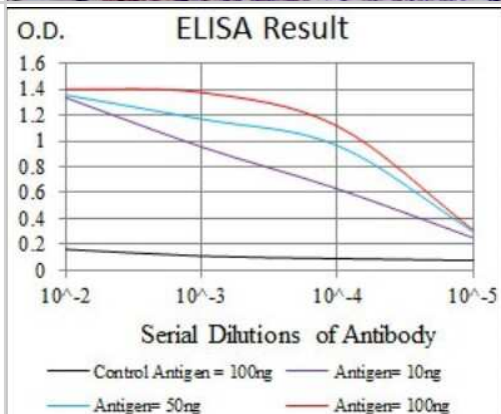
Immunohistochemistry-Paraffin: LAP (TGF-beta 1) Antibody (7F6) [NBP2-22114] - Human tonsil. Image from verified customer review.



Immunohistochemistry-Paraffin: LAP (TGF-beta 1) Antibody (7F6) [NBP2-22114] - Immunohistochemical analysis of paraffin-embedded lung cancer tissues using LAP (TGF-beta 1) mouse mAb with DAB staining.



ELISA: LAP (TGF-beta 1) Antibody (7F6) [NBP2-22114] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng).



Publications

Garlapati V, Molitor M, Michna T et al. Targeting myeloid cell coagulation signaling blocks MAP kinase/TGF- β 1-driven fibrotic remodeling in ischemic heart failure *Journal of Clinical Investigation* 2023-02-15 [PMID: 36548062]

Lang M, Krump C, Meshcheryakova A et al. Microenvironmental and cell intrinsic factors governing human cDC2 differentiation and monocyte reprogramming *Frontiers in Immunology* 2023-07-19 [PMID: 37539048] (Immunocytochemistry/ Immunofluorescence)

Wu X, Shen Q, Chang H et al. Promoted CD4(+) T cell-derived IFN- γ /IL-10 by photobiomodulation therapy modulates neurogenesis to ameliorate cognitive deficits in APP/PS1 and 3xTg-AD mice *Journal of Neuroinflammation* 2022-10-10 [PMID: 36217178]

Mousset A, Lecorgne E, Bourget I et al. Neutrophil extracellular traps formed during chemotherapy confer treatment resistance via TGF- β activation *Cancer cell* 2023-04-10 [PMID: 37037615] (WB, Mouse)

Mohamed MZ, Abed El Baky MF, Ali ME, Hafez HM Aprepitant exerts anti-fibrotic effect via inhibition of TGF-beta/Smad3 pathway in bleomycin-induced pulmonary fibrosis in rats *Environmental toxicology and pharmacology* 2022-08-02 [PMID: 35931359] (IHC-P, Rat)

Details:

1:100 IHC-P

Griffin J, Krolkowski J, Kounga K et al. Red Light Mitigates the Deteriorating Placental Extracellular Matrix in Late Onset of Preeclampsia and Improves the Trophoblast Behavior *Journal of Pregnancy* 2022-04-20 [PMID: 35494491] (IHC-Fr, Human)

Malik MNH, Waqas SFH, Zeitvogel J et al. Congenital deficiency reveals critical role of ISG15 in skin homeostasis *The Journal of clinical investigation* 2021-11-30 [PMID: 34847081] (IF/IHC, Human)

Sholqamy M TGF- beta Paradox and the Progression of Osteoblastoma versus Osteosarcoma. *Egyptian Dental Journal* 2021-10-01

Singh J, Thachil T, Eapen M Et Al. Immunohistochemical investigation of cytokine expression levels as biomarkers in transrectal ultrasound-guided needle biopsy specimens of prostate adenocarcinoma *Molecular and Clinical Oncology* 2021-07-16 [PMID: 34405051] (IHC-P)

Wang J, Lee CJ, Deci MB et al. MiR-101a loaded extracellular nanovesicles as bioactive carriers for cardiac repair *Nanomedicine* 2020-04-08 [PMID: 32278100] (IF/IHC, IHC-Fr, Mouse)

Wang X, Jian X, Dou J et al. Decreasing Microtubule Actin Cross-Linking Factor 1 Inhibits Melanoma Metastasis by Decreasing Epithelial to Mesenchymal Transition *Cancer Manag Res* 2020-01-29 [PMID: 32099463] (WB, Mouse)

Reed M, Luissint AC, Azcutia V et al. Epithelial CD47 is critical for mucosal repair in the murine intestine in vivo *Nat Commun* 2019-11-01 [PMID: 31676794] (WB, Mouse)

More publications at <http://www.novusbio.com/NBP2-22114>



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Products Related to NBP2-22114

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)
NBP3-21360PEP	LAP (TGF-beta 1) 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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