

Product Datasheet

LEPRE1 Antibody (3C7) - Azide and BSA Free H00064175-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 5

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H00064175-M01

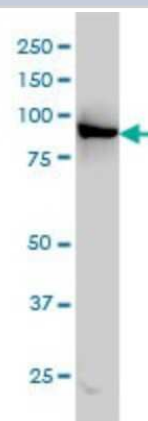
LEPRE1 Antibody (3C7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3C7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse LEPRE1 Antibody (3C7) - Azide and BSA Free (H00064175-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-LEPRE1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	64175
Gene Symbol	P3H1
Species	Human, Mouse
Specificity/Sensitivity	LEPRE1 - leucine proline-enriched proteoglycan (leprecan) 1
Immunogen	LEPRE1 (AAH15309, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. DPRVREVMNQNLAYYAAMLGEEHTRSIGPRESAKEYRQRSLLLEKELLFFAYDV FGIPFVDPDSWTPEEVIPKRLQEKKSERETAVRISQEIGNLMKEIE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactive against recombinant protein, transfected lysate and cell lysate for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA. Reactivity with Mouse species is reported in scientific literature (PMID 19997487)

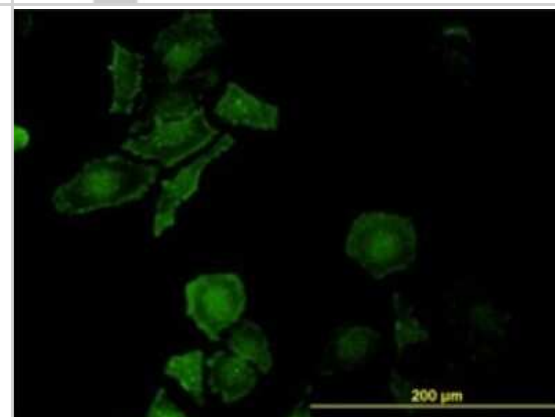


Images

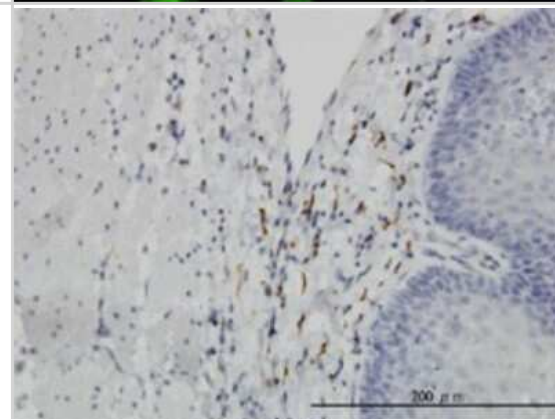
Western Blot: LEPRE1 Antibody (3C7) [H00064175-M01] - LEPRE1 monoclonal antibody (M01), clone 3C7 Analysis of LEPRE1 expression in HeLa.



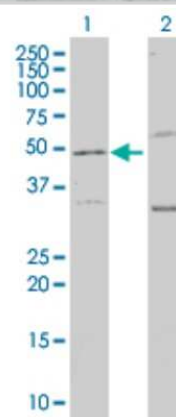
Immunocytochemistry/Immunofluorescence: LEPRE1 Antibody (3C7) [H00064175-M01] - Analysis of monoclonal antibody to LEPRE1 on HeLa cell. Antibody concentration 10 ug/ml.



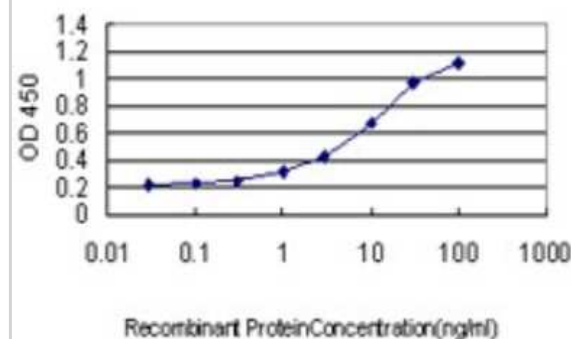
Immunohistochemistry-Paraffin: LEPRE1 Antibody (3C7) [H00064175-M01] - Analysis of monoclonal antibody to LEPRE1 on formalin-fixed paraffin-embedded human esophagus. Antibody concentration 6 ug/ml.



Western Blot: LEPRE1 Antibody (3C7) [H00064175-M01] - Analysis of LEPRE1 expression in transfected 293T cell line by LEPRE1 monoclonal antibody (M01), clone 3C7. Lane 1: LEPRE1 transfected lysate (46 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: LEPRE1 Antibody (3C7) [H00064175-M01] - Detection limit for recombinant GST tagged LEPRE1 is approximately 0.3ng/ml as a capture antibody.



Publications

Zimmerman SM, Besio R, Heard-Lipsmeyer ME et al. Expression characterization and functional implication of the collagen-modifying Leprecan proteins in mouse gonadal tissue and mature sperm. AIMS Genet 2018-02-07 [PMID: 30417103]

Ohe R, Aung NY, Meng H et al. Localization of collagen modifying enzymes on fibroblastic reticular cells and follicular dendritic cells in non-neoplastic and neoplastic lymphoid tissues. Leuk Lymphoma 2015-12-01 [PMID: 26700650]

Lai Y, Song M, Hakala K et al. Proteomic dissection of the VHL interactome. J Proteome Res. 2011-10-11 [PMID: 21942715]

Choi JW, Sutor SL, Lindquist L et al. Severe osteogenesis imperfecta in cyclophilin B-deficient mice. PLoS Genet 5 (12):e1000750. 2009-12-01 [PMID: 19997487]

Cabral WA, Chang W, Barnes AM et al. Prolyl 3-hydroxylase 1 deficiency causes a recessive metabolic bone disorder resembling lethal/severe osteogenesis imperfecta. Nat Genet;39(3):359-65. 2007-03-01 [PMID: 17277775]





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Products Related to H00064175-M01

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)
H00064175-P01-10ug	Recombinant Human LEPRE1 GST (N-Term) Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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