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NRP1 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant NRP1.
Catalog # AT3115a

Product Information

Application	WB, IP, E
Primary Accession	O14786
Other Accession	NM_003873
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1B3
Calculated MW	103134

Additional Information

Gene ID	8829
Other Names	Neuropilin-1, Vascular endothelial cell growth factor 165 receptor, CD304, NRP1, NRP, VEGF165R
Target/Specificity	NRP1 (NP_003864, 22 a.a. ~ 132 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IP~~N/A E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	NRP1 Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

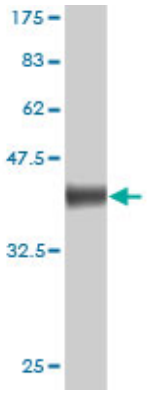
Background

NRP1 is a membrane-bound coreceptor to a tyrosine kinase receptor for both vascular endothelial growth factor (VEGF; MIM 192240) and semaphorin (see SEMA3A; MIM 603961) family members. NRP1 plays versatile roles in angiogenesis, axon guidance, cell survival, migration, and invasion.

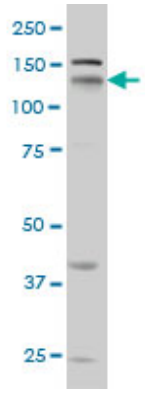
References

1.Adjuvant effects of formalin-inactivated HSV through activation of dendritic cells and inactivation of myeloid-derived suppressor cells in cancer immunotherapy.Ohkusu-Tsukada K, Ohta S, Kawakami Y, Toda M.Int J Cancer. 2010 Mar 15. [Epub ahead of print]2.EXTRACELLULAR AND MEMBRANE-ASSOCIATED

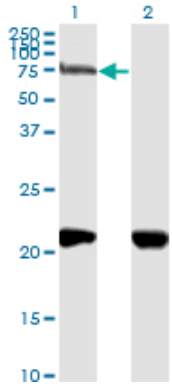
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (38.21 KDa) .

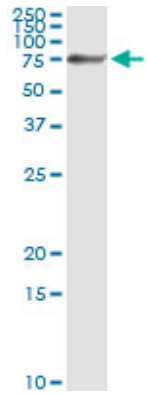


NRP1 monoclonal antibody (M05), clone 1B3 Western Blot analysis of NRP1 expression in HeLa ((Cat # AT3115a)



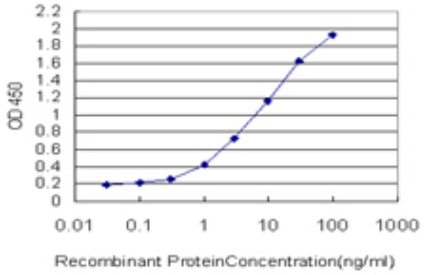
Western Blot analysis of NRP1 expression in transfected 293T cell line by NRP1 monoclonal antibody (M05), clone 1B3.

Lane 1: NRP1 transfected lysate(68.3 KDa).
Lane 2: Non-transfected lysate.



Immunoprecipitation of NRP1 transfected lysate using anti-NRP1 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with NRP1 MaxPab rabbit polyclonal antibody.

Detection limit for recombinant GST tagged NRP1 is approximately 0.03ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.