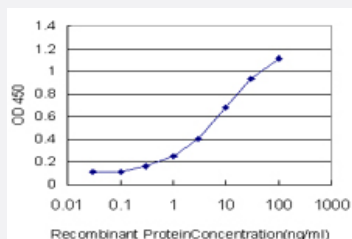


NRP2 monoclonal antibody (M01), clone 3B8

Catalog # H00008828-M01

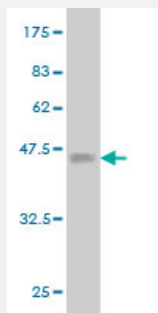
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NRP2 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.19 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NRP2.
Immunogen	NRP2 (NP_958436, 621 a.a. ~ 715 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EEATECGENC SFEDDKDLQLPSGFNCNFD FLEPCGWMYDHAKWLRTTWASSSSPNDRTFPD DRNFLRLQSDSQREGQYARLISPPVHLPRSPVC
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (94); Rat (93)
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Isotype	IgG1 Kappa
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Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.19 KDa) .
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Storage Buffer	In 1x PBS, pH 7.4
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Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NRP2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NRP2

Entrez GeneID	8828
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GeneBank Accession#	NM_201279
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Protein Accession#	NP_958436
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Gene Name	NRP2
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Gene Alias	MGC126574, NP2, NPN2, PRO2714, VEGF165R2
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Gene Description	neuropilin 2
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Omim ID	602070
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Gene Ontology	Hyperlink
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Gene Summary

This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

Other Designations

neuropilin-2a(17)|neuropilin-2a(22)|neuropilin-2b(0)|receptor for VEGF165 and semaphorins class 3|vascular endothelial growth factor-165 receptor 2

Disease

- [Autistic Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hot Flashes](#)
- [Kidney Failure](#)
- [Lymphedema](#)
- [Neoplasm Invasiveness](#)
- [Neovascularization](#)