

RTN4IP1 mouse monoclonal antibody (hybridoma)

Catalog # H00084816-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant RTN4IP1.
Immunogen	RTN4IP1 (NP_116119.2, 1 a.a. ~ 396 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEFLKTCVLRNACTAVCFWRSKVVQKPSVRRISTTSPRSTVMPAWVIDKYGKNEVLRFTQNMMPPIIHYPNEVIVKVHAASVNPIDVNMRSYGATALNMKRDPLHVKIKGEEFPLTLGRDVSGVVMCEGLDVKYFKPGDEVWAAVPPWKQGTLSFVVVSGNEVSHKPKSLTHTQAASLPYVALTAWSAINKVGGLNDKNCTGKRVLILGASGGVGTFAIQVMKAWDAAHVTAVCSDASELVRKLGADDVIDYKSGSVEEQLKSLKPFDFILDNVGGSTETWAPDFLKKWSGATYVTLVTPFLLNMDRLGIADGMLQTGVTVGSKALKHFWKGVHYRWAFFMASGPCLDIAELVDAGKIRPVIEQTFPFSSKVPEAFLKVERGHA RGKTVINVV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (91)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RTN4IP1

Entrez GeneID [84816](#)

GeneBank Accession# [NM_032730.3](#)

Protein Accession# [NP_116119.2](#)

Gene Name RTN4IP1

Gene Alias MGC12934, NIMP

Gene Description reticulon 4 interacting protein 1

Omim ID [610502](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a novel mitochondrial protein that interacts with reticulon 4, which is a potent inhibitor of regeneration following spinal cord injury. The interaction of reticulon 4 with mitochondria l proteins may provide insight into the mechanisms for reticulon-induced inhibition of neurite growth. [provided by RefSeq]

Other Designations NOGO-interacting mitochondrial protein|OTTHUMP00000016926

Disease

- [Tobacco Use Disorder](#)