

MaxPab®

MUSK purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004593-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MUSK protein.
Immunogen	MUSK (ACE87790.1, 1 a.a. ~ 773 a.a) full-length human protein.
Sequence	MRELVNIPLVHILTLVAFSGTEKLPKAPVITTPLETVDALVEEVATFMCAVESYPQPEISWTRNKILIK LFDTRYISIRENGQLLTILSVEDSDDGYCCTANNGVGGAVESCGALQVKMKPKITRPPINVKIIEGLK AVLPCTTMGNPKPSVSWIKGDSPLRENSRIAVLESGSLRIHNVQKEDAGQYRCVAKNSLGTAYSK VVKLEVEVFARILRAPESHNVTFGSFVTLHCTATGIPVPTITWIENGNAVSSGSIQESVKDRVIDSRL QLFITKPGLYTCIATNKHGEKFSTAKAAATISIAEWREYCLAVKELFCAKEWLVMEEKTHRGLYRSE MHLLSVPECSKLPMSHWDPTACARLPHLAFPPMTSSKPSVDIPNLPSSSSSSFSVSPTYSMTVII SIMSSF AIFVLLTITLYCCRKRQWKNKKRESAAVLTTLPSSELLDRLHPNPMYQRMPLLLNPKL LSLEYPRNNIEYVRDIGEGAFGRVFQARAPGLLPYEPFTMVAVKMLKEEASADMQADFQREAAAL MAEFDNPNVKLLGVCavgkpmcllfeymaygdlneflrsmSPHTVCSLSHSDLSMRAQVSSPG PPPLSCAEQLCIARQVAAGMAYLSERKFVHRDLATRNCLVGENMVVKIADFGLSRNIYSADYYKA NENDAIPRWMPPEsIFYNRYTTESDVWAYGVVLWEIFS YGLQPYYGMAHEEVIYYVRDGNILSCPE NCPVELYNLMRLCWSKLPADRPSTSIHRILERMCERAEGTVSV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — MUSK

Entrez GeneID [4593](#)

GeneBank Accession# [EU832779.1](#)

Protein Accession# [ACE87790.1](#)

Gene Name MUSK

Gene Alias MGC126323, MGC126324

Gene Description muscle, skeletal, receptor tyrosine kinase

Omim ID [601296 608931](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Intercellular communication is often mediated by receptors on the surface of one cell that recognize and are activated by specific protein ligands released by other cells. Members of one class of cell surface receptors, receptor tyrosine kinases (RTKs), are characterized by having a cytoplasmic domain containing intrinsic tyrosine kinase activity. This kinase activity is regulated by the binding of a cognate ligand to the extracellular portion of the receptor. DeChiara et al. (1996) [PubMed 8653786] noted that the RTKs, known to be expressed in cell type-specific fashions, play a role critical for the growth and differentiation of those cell types. For example, members of the neural-specific TRK family that recognize nerve growth factor are absolutely required for the survival and development of discrete neuronal subpopulations, and the receptor tyrosine kinases TIE1 (MIM 600222) and TIE2 (MIM 600221) play a critical role in the development of normal blood vessels.[supplied by OMIM]

Other Designations protein-tyrosine kinase|receptor tyrosine kinase|skeletal muscle receptor tyrosine kinase

Disease

- [Kidney Failure](#)