

MLPH mouse monoclonal antibody (hybridoma)

Catalog # H00079083-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant MLPH.
Immunogen	MLPH (NP_077006.1, 1 a.a. ~ 600 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGKKLDLSKLTDEEAQHVLEVVRDFDLRRKEEERLEALKGKIKKESSKRELLSDTAHLNETHCARCLQPYQLLVNSKRQCLEGLFTCKSCGRVHPPEEQGWICDPCHLARVVKIGSLEWYYEHVKARFKRFGSAKVIRSLHGRLQGGAGPELISEERSGDSQDQDEDEGEPGSEAQAQAQPFSGSKKKRLLSVHDFDFEGDSDDSTQPQGHSLHLSSVPEARDSPQSLDESCSEKAAPHPKAEGLEEADTGASGCHSHPEEQPTSISPSRHGALAECPGSGSHRMALGTAAALGSNVIRNEQLPLQYLADVDTSDDEESIRAHVMASHHKKRRGRASSESQIFELNKHISAVECLLTYLENTVVPPLAKGLGAGVRTEADVEEEALRRKLEELTSNVSDQETSSEEEEEAKDEKAEPNRDKSVGPLPQADPEVGTAAHQTNRQEKSPQDPGDPVQYNRTTDEELSELEDRVAVTASEVQQAEEVSDIESRIAALRAAGLTVKPSGKPRRKSNLPIFLPRVAGKLGKRPEDPNADPSSEAKAMAVPYLLRRKFSNSLKSQKGDDDSFDRKSVYRGSLTQRNPNARKGMASHTFAKPVVAHQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (63); Rat (64)
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 — MLPH

Entrez GeneID [79083](#)

GeneBank Accession# [NM_024101.5](#)

Protein Accession# [NP_077006.1](#)

Gene Name MLPH

Gene Alias MGC2771, MGC59733, SLAC2-A

Gene Description melanophilin

Omim ID [606526](#) [609227](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the exophilin subfamily of Rab effector proteins. The protein forms a ternary complex with the small Ras-related GTPase Rab27A in its GTP-bound form and the motor protein myosin Va. A similar protein complex in mouse functions to tether pigment-producing organelles called melanosomes to the actin cytoskeleton in melanocytes, and is required for visible pigmentation in the hair and skin. A mutation in this gene results in Griscelli syndrome type 3, which is characterized by a silver-gray hair color and abnormal pigment distribution in the hair shaft. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]

Other Designations exophilin-3

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniofacial Abnormalities](#)
- [Mouth Abnormalities](#)