

Mouse LAYN Monoclonal Antibody | anti-LAYN antibody

Anti-LAYN Antibody, Mouse Monoclonal

CATALOG # AAA254700	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

LAYN; Monoclonal Antibody; Anti-LAYN Antibody; Mouse Monoclonal; Layilin/LAYN Antibody; Mouse MAb; layilin; Anti-Layilin Antibody; anti-LAYN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	3F7D7E2
Specificity	Human Layilin
Purity/Purification	Protein A affinity chromatography
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-LAYN antibody	ELISA
Immunogen	Human cell-derived rhLayilin extracellular domain (Catalog#)
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human Layilin (rhLayilin). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

ADDITIONAL INFORMATION

References	Borowsky ML, et al. (1998) Layilin, a novel talin-binding transmembrane protein homologous with C-type lectins, is localized in membrane ruffles. J Cell Biol. 143(2):429-42. Bono P, et al. (2001) Layilin, a novel integral membrane protein, is a hyaluronan receptor. Mol Biol Cell. 12(4):891-900. Bono P, et al. (2005) Layilin, a cell surface hyaluronan receptor, interacts with merlin and radixin. Exp Cell Res. 308(1):177-87. Scoles DR. (2007) The merlin interacting proteins reveal multiple targets for NF2 therapy. Biochim Biophys Acta. 1785(1):32-54. Chen Z, et al. (2008) Down-regulation of layilin, a novel hyaluronan receptor, via RNA interference, inhibits invasion and lymphatic metastasis of human lung A549 cells. Biotechnol Appl Biochem. 50(Pt 2):89-96. Wegener KL, et al. (2008) Structural basis for the interaction between the cytoplasmic domain of the hyaluronate receptor layilin and the talin F3 subdomain. J Mol Biol. 382(1):112-26.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30520331
NCBI GeneID	143903
NCBI Accession #	NP_849156.1

NCBI GenBank Nucleotide #	NM_178834.3
UniProt Accession #	Q6UX15; Q8TAY8; Q96NC5; Q96NF3; A6NJB0
NCBI Official Full Name	layilin
NCBI Official Synonym Full Names	layilin
NCBI Official Symbol	LAYN
NCBI Official Synonym Symbols	FLJ30977; FLJ31092
NCBI Protein Information	layilin; OTTHUMP00000234053; OTTHUMP00000234054; OTTHUMP00000234055; OTTHUMP00000234057
UniProt Protein Name	Layilin
UniProt Gene Name	LAYN
UniProt Entry Name	LAYN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/layn-antibody-clone-3f7d7e2-elisa/254700>