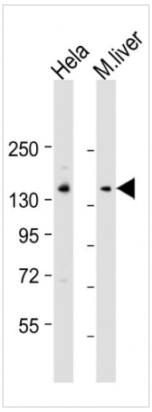
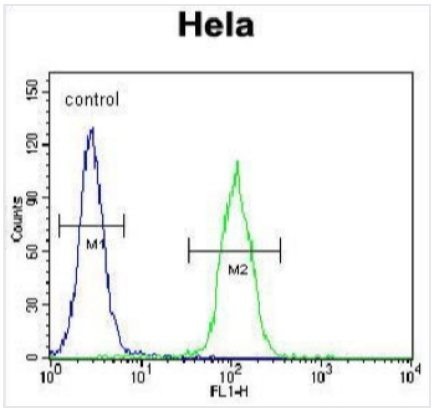
LMTK3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LMTK3, Polyclonal Antibody
Full Product Name	LMTK3, NT (LMTK3, KIAA1883, TYKLM3, Serine/threonine-protein kinase LMTK3, Lemur tyrosine kinase 3) (MaxLight 490)
Product Gene Name	anti-LMTK3 antibody
Product Synonym Names	LMTK3; KIAA1883; TYKLM3; Serine/threonine-protein kinase LMTK3; Lemur tyrosine kinase 3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A and Peptide Affinity Chromatography.
Specificity	Recognizes human LMTK3. Species Crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	153,661 Da
3D Structure	ModBase 3D Structure for Q96Q04
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 156-187 in the N-terminal region of human LMTK3.
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-LMTK3 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-LMTK3 antibody	Western Blot (WB), Flow Cytometry (FC/FACS), FLISA
Application Notes for anti-LMTK3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-LMTK3 antibody	MaxLight490 is a new Blue-Green photostable dye conjugate comparable to DyLight488, Alexa Fluor488 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (491nm); Emission (515nm); Extinction Coefficient 73,000.
Other Notes	Small volumes of anti-LMTK3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LMTK3 purchase	MBS6316620 is an antibody targeting LMTK3. Also known as LMTK3, NT (LMTK3, KIAA1883, TYKLM3, Serine/threonine-protein kinase LMTK3, Lemur tyrosine kinase 3) (MaxLight 490). Reactive in Human, Mouse. Host: Rabbit.



Testing Data of anti-LMTK3 antibody
All lanes: MBS644321 (1:1000-1:2000) Lane 1: Hela lysate Lane 2: mouse liver lysate Lysates/proteins at 20ug/lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1:10,000. Predicted band size: 154kD. Blocking/Dilution buffer: 5% NFDM/TBST.



Flow Cytometry (FC/FACS) of anti-LMTK3 antibody
Flow Cytometric analysis of Hela cells using MBS644321 (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LMTK3. It may not necessarily be applicable to this product.

NCBI GI #	51474757
NCBI GeneID	114783
NCBI Accession #	XP_055866.6
UniProt Primary Accession #	Q96Q04
UniProt Secondary Accession #	Q4G0U1
UniProt Related Accession #	Q96Q04
GenBank Nucleotide #	XM_055866.6
NCBI Official Full Name	lemur tyrosine kinase 3
NCBI Official Synonym Full Names	lemur tyrosine kinase 3
NCBI Official Symbol	LMTK3
NCBI Official Synonym Symbols	LMR3; TYKLM3; PPP1R101
UniProt Protein Name	Serine/threonine-protein kinase LMTK3
UniProt Synonym Protein Names	Lemur tyrosine kinase 3
Protein Family	Serine/threonine-protein kinase
UniProt Gene Name	LMTK3
UniProt Synonym Gene Names	KIAA1883; TYKLM3
UniProt Entry Name	LMTK3_HUMAN
NCBI Protein Information	serine/threonine-protein kinase LMTK3

UniProt Comments for LMTK3	Lmr3: a dual-specificity kinase of the Lmr family. Protein type: EC 2.7.11.1; Kinase, protein; Protein kinase, TK; Membrane protein, integral; Protein kinase, tyrosine (receptor); TK group; Lmr family Chromosomal Location of Human Ortholog: 19q13.33 Cellular Component: integral to membrane Molecular Function: protein serine/threonine kinase activity; ATP binding Biological Process: protein amino acid phosphorylation
Research Articles on LMTK3	**1.** LMTK3 escapes tumour suppressor miRNAs via sequestration of DDX5.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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