

Immunotag™ MYL6 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT2937
Product Description	Immunotag™ MYL6 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	MYL6
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from the Internal region of human MYL6
Specificity	MYL6 Polyclonal Antibody detects endogenous levels of MYL6 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	MYL6
Accession No.	P60660 Q60605 Q64119
Alternate Names	MYL6; Myosin light polypeptide 6; 17 kDa myosin light chain; LC17; Myosin light chain 3; MLC-3; Myosin light chain alkali 3; Myosin light chain A3; Smooth muscle and nonmuscle myosin light chain alkali 6

Antibody Specification

Description	myosin light chain 6(MYL6) Homo sapiens Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Vascular smooth muscle contraction,
Protein Expression	B-cell lymphoma,Brain,Duodenum,Eye,Lung,Placenta,
Subcellular Localization	cytosol,brush border,membrane,myosin complex,unconventional myosin complex,extracellular matrix,vesicle,extracellular exosome,
Protein Function	function:Regulatory light chain of myosin. Does not bind calcium.,similarity:Contains 3 EF-hand domains.,subunit:Myosin is an hexamer of 2 heavy chains and 4 light chains.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.