

DNAxPAb

Hard-to-Find
Antibody

MRLC2 DNAxPab

Catalog # H00103910-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MRLC2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSSKKAKTKTTKKRPQRATSNVFAMFDQSQIQEFKEAFNMQNRDGFIDKEDLHDMLASLGKN PTDAYLDAMMNEAPGPINFMTFLTMFGEKLNQTDPELVIRNAFACFDEEATGTIQEDYLRELLTMM GDRFTDEEVDELYREAPIDKKGNFNIEFTRILKHGAKDKDD
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MRLC2

Entrez GeneID [103910](#)**GeneBank Accession#** [NM_033546.2](#)**Protein Accession#** [NP_291024.1](#)**Gene Name** MRLC2**Gene Alias** MLC-B**Gene Description** myosin regulatory light chain MRLC2**Omim ID** [609211](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The activity of nonmuscle myosin II (see MYH9; MIM 160775) is regulated by phosphorylation of a regulatory light chain, such as MRLC2. This phosphorylation results in higher MgATPase activity and the assembly of myosin II filaments (Iwasaki et al., 2001 [PubMed 11942626]).[supplied by OMIM]

Other Designations OTTHUMP00000165806|OTTHUMP00000165807|OTTHUMP00000165808|myosin regulatory light chain MRCL2

Pathway

- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Regulation of actin cytoskeleton](#)
- [Tight junction](#)