

PDLIM7 monoclonal antibody

Catalog: MB23161

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this gene is representative of a family of proteins composed of conserved PDZ and LIM domains. LIM domains are proposed to function in protein-protein recognition in a variety of contexts including gene transcription and development and in cytoskeletal interaction. The LIM domains of this protein bind to protein kinases, whereas the PDZ domain binds to actin filaments. The gene product is involved in the assembly of an actin filament-associated complex essential for transmission of ret/ptc2 mitogenic signaling. The biological function is likely to be that of an adapter, with the PDZ domain localizing the LIM-binding proteins to actin filaments of both skeletal muscle and nonmuscle tissues. Alternative splicing of this gene results in multiple transcript variants.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

49.8kDa

Swiss-Prot:

Q9NR12

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200 - 1/1000 IF:1/20 - 1/100 FC:1/200 - 1/400

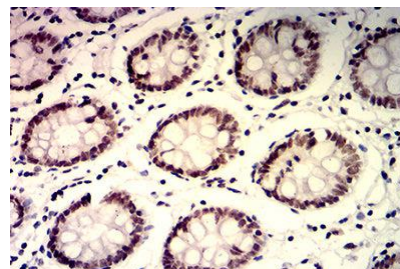
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

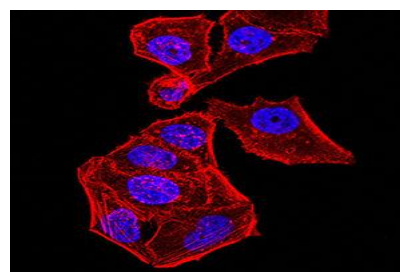
Isotype:

Mouse IgG1

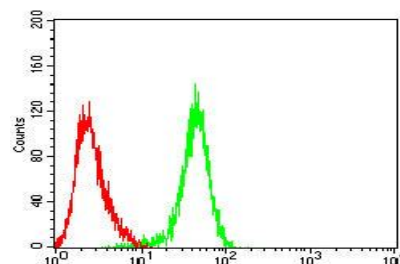
DATA:



Immunohistochemical analysis of paraffin-embedded human colon tissues using PDLIM7 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using PDLIM7 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of Jurkat cells using PDLIM7 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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