

MPRIP Antibody

Catalog No: #34818

Package Size: #34818-1 50ul #34818-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

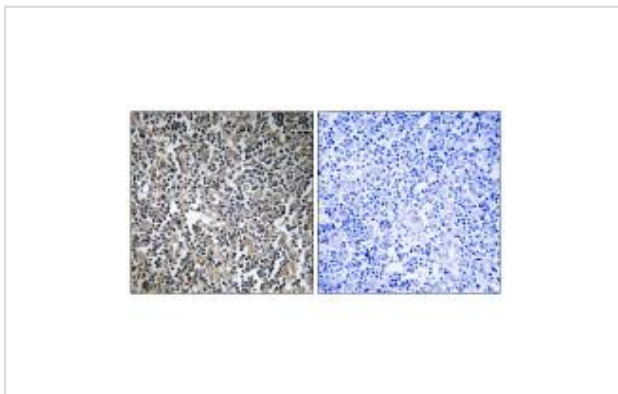
Description

Product Name	MPRIP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total MPRIP protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MPRIP.
Target Name	MPRIP
Other Names	Myosin phosphatase Rho-interacting protein; Rho-interacting protein 3; M-RIP; RIP3; p116Rip
Accession No.	Swiss-Prot: Q6WCQ1NCBI Gene ID: 23164
SDS-PAGE MW	117kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemistry analysis of paraffin-embedded human lymph node tissue using MPRIP antibody #34818.

Background

Targets myosin phosphatase to the actin cytoskeleton. Required for the regulation of the actin cytoskeleton by RhoA and ROCK1. Depletion leads to

an increased number of stress fibers in smooth muscle cells through stabilization of actin fibers by phosphorylated myosin. Overexpression of MRIP as well as its F-actin-binding region leads to disassembly of stress fibers in neuronal cells. UniProtKB P97434

Surks H.K., J. Biol. Chem. 278:51484-51493(2003).

Koga Y., J. Biol. Chem. 280:4983-4991(2005).

Inazawa J., Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.