

Crk-L Monoclonal Antibody

Catalog No :	YM0168
Reactivity :	Human
Applications :	WB;FCM;ELISA
Target :	Crk-L
Fields :	>>MAPK signaling pathway;>>ErbB signaling pathway;>>Rap1 signaling pathway;>>Chemokine signaling pathway;>>Focal adhesion;>>Fc gamma R-mediated phagocytosis;>>Neurotrophin signaling pathway;>>Regulation of actin cytoskeleton;>>Insulin signaling pathway;>>Growth hormone synthesis, secretion and action;>>Bacterial invasion of epithelial cells;>>Shigellosis;>>Yersinia infection;>>Human cytomegalovirus infection;>>Human immunodeficiency virus 1 infection;>>Pathways in cancer;>>MicroRNAs in cancer;>>Renal cell carcinoma;>>Chronic myeloid leukemia
Gene Name :	CRKL
Protein Name :	Crk-like protein
Human Gene Id :	1399
Human Swiss Prot No :	P46109
Mouse Swiss Prot No :	P47941
Immunogen :	Purified recombinant fragment of human Crk-L expressed in E. Coli.
Specificity :	Crk-L Monoclonal Antibody detects endogenous levels of Crk-L protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:500 - 1:2000. Flow cytometry: 1:200 - 1:400. ELISA: 1:10000. Not yet tested in other applications.
	Affinity purification

Storage Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Molecular weight : 34kD

Cell Pathway : MAPK_ERK_Growth;MAPK_G_Protein;ErbB_HER;Chemokine;Focal adhesion;Fc gamma R-mediated phagocytosis;Neurotrophin;Regulates Actin and Cytoskeleton;Insulin_Receptor;Pathways in cancer;Renal cell carcinoma

P References :

1. Mol Cell Biol. 2009 Jun;29(11):3076-87.
2. Cell. 2009 Jul 23;138(2):389-403.

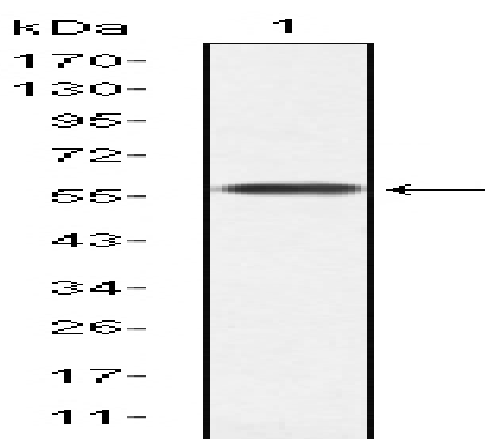
Background : This gene encodes a protein kinase containing SH2 and SH3 (src homology) domains which has been shown to activate the RAS and JUN kinase signaling pathways and transform fibroblasts in a RAS-dependent fashion. It is a substrate of the BCR-ABL tyrosine kinase, plays a role in fibroblast transformation by BCR-ABL, and may be oncogenic.[provided by RefSeq, Jan 2009],

Function : function:May mediate the transduction of intracellular signals.,similarity:Contains 1 SH2 domain.,similarity:Contains 2 SH3 domains.,subunit:Interacts with INPP5D/SHIP1. Interacts with DOCK2 and EPOR. Interacts with phosphorylated CBLB and IRS4.,

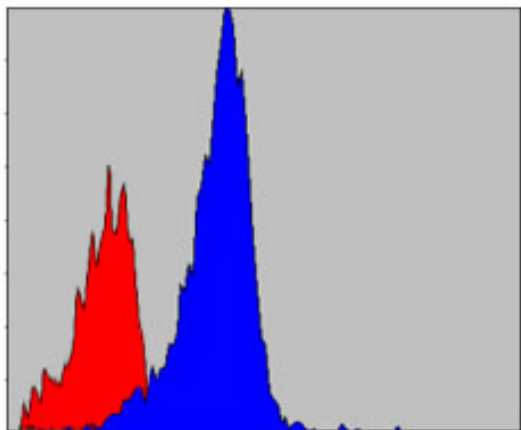
Subcellular Location : endosome,cytosol,cell-cell adherens junction,extracellular exosome,

Expression : Skin,Spleen,

Products Images



Western Blot analysis using Crk-L Monoclonal Antibody against human Crk-L (AA: 100-303) recombinant protein.



Flow cytometric analysis of NIH/3T3 cells using Crk-L Monoclonal Antibody (blue) and negative control (red).

