

Crk II Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0386
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human Crk II expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, FCM, ELISA
Concentration	1 mg/ml
Full name	Adapter molecule crk
Synonyms	CRK; Adapter molecule crk; Proto-oncogene c-Crk; p38

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. The product of this gene has several SH2 and SH3 domains (src-homology domains) and is involved in several signaling pathways, recruiting cytoplasmic proteins in the vicinity of tyrosine kinase through SH2-phosphotyrosine interaction. The N-terminal SH2 domain of this protein functions as a positive regulator of transformation whereas the C-terminal SH3 domain functions as a negative regulator of transformation. Two alternative transcripts encoding different isoforms with distinct biological activity have been described.

Recommended Dilution

FC: 1:200 - 1:400

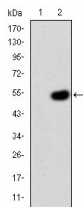
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

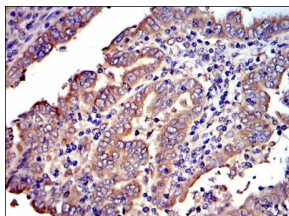
WB: 1:500 - 1:2000

Not yet tested in other applications.

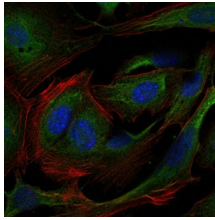
Images



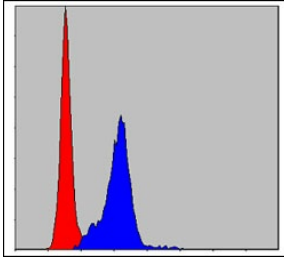
Western Blot analysis using Crk II Monoclonal antibody against HEK293 (1) and CRK-hIGFc transfected HEK293 (2) cell lysate.



Immunohistochemistry analysis of paraffin-embedded intima cancer tissues with DAB staining using Crk II Monoclonal antibody.



Immunofluorescence analysis of 3T3-L1 cells using Crk II Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HeLa cells using Crk II Monoclonal antibody (blue) and negative control (red).

Storage

-20°C for one year

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