

CRK monoclonal antibody

Catalog: MB21514

Host: Mouse

Reactivity: Human

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.

Product:

Ascitic fluid containing 0.03% sodium azide.

Molecular Weight:

42kDa

Swiss-Prot:

P46108

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:1/200 - 1/1000 FC:1/200 - 1/400

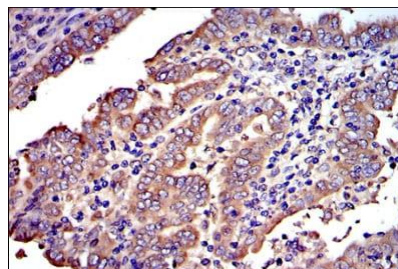
Storage&Stability:

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

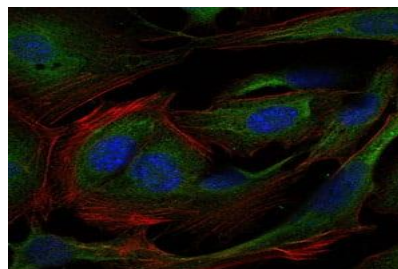
Isotype:

Mouse IgG2b

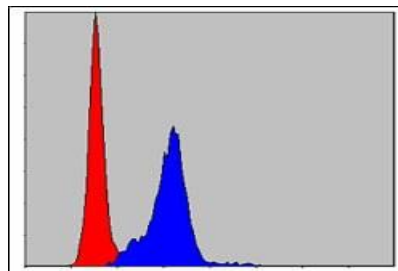
DATA:



Immunohistochemical analysis of paraffin-embedded human intima cancer tissues using CRK mouse mAb with DAB staining.



Immunofluorescence analysis of 3T3-L1 cells using CRK mouse mAb (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 mouse mAb (blue) and negative control (red).

Note:

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

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