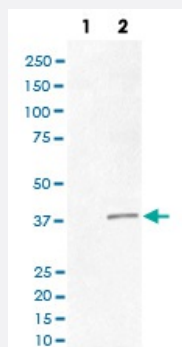


CRK (phospho Y221) monoclonal antibody, clone FDE-3

Catalog # MAB20502 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of (1) K562 cell lysate treated with AP, (2) K562 cell lysate using CRK (phospho Y221) monoclonal antibody, clone FDE-3.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human CRK.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Y221 of human CRK.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.4-0.5 mg/mL BSA, 0.02% sodium azide).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of (1) K562 cell lysate treated with AP, (2) K562 cell lysate using CRK (phospho Y221) monoclonal antibody, clone FDE-3.

- Immunocytochemistry

- Immunofluorescence

Gene Info — CRK

Entrez GeneID[1398](#)**Protein Accession#**[P46108](#)**Gene Name**

CRK

Gene Alias

CRKII

Gene Description

v-crk sarcoma virus CT10 oncogene homolog (avian)

Omim ID[164762](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

avian sarcoma virus CT10 (v-crk) oncogene homolog|v-crk avian sarcoma virus CT10 oncogene homolog|v-crk sarcoma virus CT10 oncogene homolog

Pathway

- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [ErbB signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Insulin signaling pathway](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)