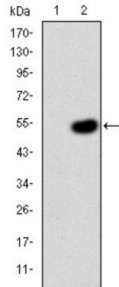


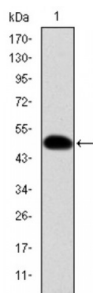
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK  
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## Adapter Molecule Crk (CRK) Antibody

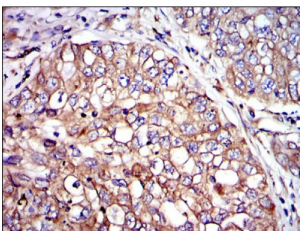
Catalogue No.: abx015829



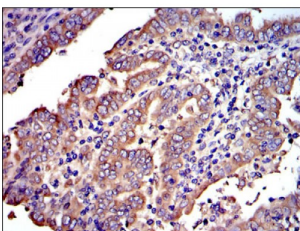
Western blot analysis using CRK antibody against human CRK (AA: 1-204) recombinant protein. (Expected MW is 48.4 kDa).



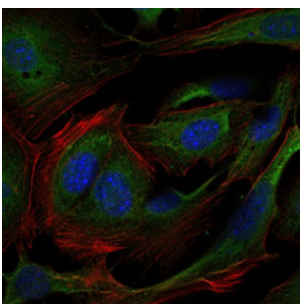
Western blot analysis using CRK antibody against HEK293 (1) and CRK (AA: 1-204) -hlgGFc transfected HEK293 (2) cell lysate.



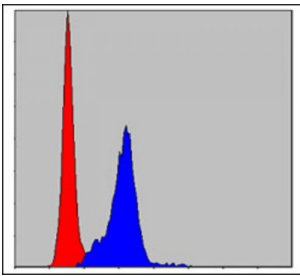
Immunohistochemical analysis of paraffin-embedded intima cancer tissues using CRK antibody with DAB staining.



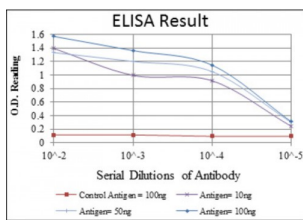
Immunohistochemical analysis of paraffin-embedded lung cancer tissues using CRK antibody with DAB staining.



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



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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.

**Target:** CRK

**Reactivity:** Human

**Host:** Mouse

**Clonality:** Monoclonal

**Tested Applications:** ELISA, WB, IHC, IF/ICC, FCM

**Recommended dilutions:** ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Purified recombinant fragment of human CRK expressed in E. coli.

**Purification:** Unpurified Ascites.

**Isotype:** IgG<sub>2b</sub>

**Conjugation:** Unconjugated

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**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

**Molecular Weight:** 42 kDa

**Swiss Prot:** [P46108](#)

**GeneID:** [1398](#)

**Gene Symbol:** CRK

**OMIM:** [164762](#)

**HGNC:** 2362

**Ensembl:** ENSG00000167193

**Buffer:** Ascitic fluid containing 0.03% sodium azide.

**Note:** This product is for research use only.