

CrkII Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52769**Specification**

CrkII Antibody - Product Information

Application	WB
Primary Accession	P46108
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	34 KDa

CrkII Antibody - Additional Information**Gene ID** 1398**Other Names**

Adapter molecule crk;Avian sarcoma virus CT10 (v crk) oncogene homolog;CRK;CRK isoform 2;CRK isoform II;CRK_HUMAN;CRKII;FLJ38130;OTTHUMP00000115366;OTTHUMP00000198330;p38; Proto oncogene C crk;Proto-oncogene C-crk;v crk avian sarcoma virus CT10 oncogene homolog;v crk sarcoma virus CT10 oncogene homolog;v crk sarcoma virus CT10 oncogene homolog (avian).

Dilution

WB~~1:1000

Format

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.09% (W/V) sodium azide, 50%,glycerol

Storage

Store at -20 °C.Stable for 12 months from date of receipt

CrkII Antibody - Protein Information**Name** CRK**Function**

Involved in cell branching and adhesion mediated by BCAR1- CRK-RAPGEF1 signaling and activation of RAP1.

Cellular Location

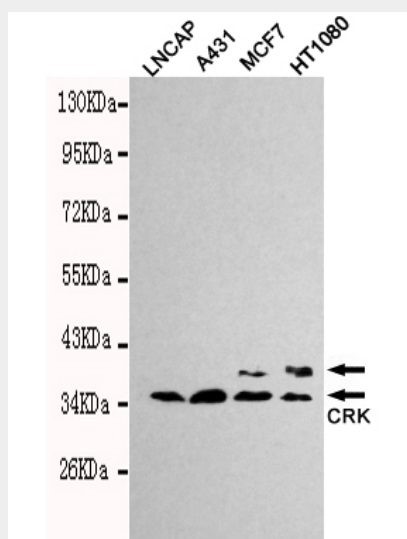
Cytoplasm. Cell membrane. Note=Translocated to the plasma membrane upon cell adhesion.

CrkII Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CrkII Antibody - Images



Western blot detection of CrkII in Lncap,A431,MCF7 and HT1080 cell lysates using CrkII mouse mAb (1:1000 diluted).Predicted band size: 34kDa.Observed band size: 34kDa.

CrkII Antibody - Background

The Crk-I and Crk-II forms differ in their biological activities. Crk-II has less transforming activity than Crk-I. Crk- II mediates attachment-induced MAPK8 activation, membrane ruffling and cell motility in a Rac-dependent manner. Involved in phagocytosis of apoptotic cells and cell motility via its interaction with DOCK1 and DOCK4. May regulate the EFNA5-EPHA3 signaling.

CrkII Antibody - References

- Matsuda M.,et al.Mol. Cell. Biol. 12:3482-3489(1992).
Fioretos T.,et al.Oncogene 8:2853-2855(1993).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).