

# CrkII Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AP52769

## Product Information

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Application	WB
Primary Accession	<a href="#">P46108</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	33831

## Additional Information

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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;OTT HUMP00000115366;OTTHUMP00000198330;p38; Proto oncogene C crk;Proto-oncogene C-cr;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

## Protein Information

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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.

## Background

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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.

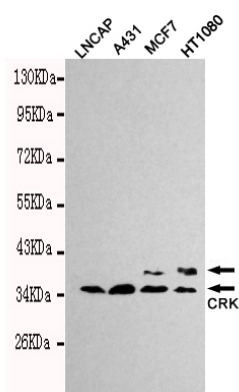
## References

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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).

## Images

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.