

**CRK Antibody**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO1606a****Specification****CRK Antibody - Product Information**

Application	E, WB, IHC, IF, FC
Primary Accession	<a href="#">P46108</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Calculated MW	42kDa KDa

**Description**

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.

**Immunogen**

Purified recombinant fragment of human CRK expressed in E. Coli. <br />

**Formulation**

Ascitic fluid containing 0.03% sodium azide.

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

Adapter molecule crk, Proto-oncogene c-Crk, p38, CRK

**Dilution**

E~~1/10000  
WB~~1/500 - 1/2000  
IHC~~1/200 - 1/1000  
IF~~1/200 - 1/1000  
FC~~1/200 - 1/400

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CRK Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**CRK 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.

**CRK 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](#)