

For Research Use Only

# Biotin-conjugated CRK Monoclonal antibody

Catalog Number: Biotin-67035



## Basic Information

<b>Catalog Number:</b> Biotin-67035	<b>GenBank Accession Number:</b> BC008506	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1398	<b>CloneNo.:</b> 2B7E1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P46108	<b>Recommended Dilutions:</b> ELISA 1:250-1:1000
<b>Isotype:</b> IgG1	<b>Full Name:</b> v-crk sarcoma virus CT10 oncogene homolog (avian)	
<b>Immunogen Catalog Number:</b> AG28793	<b>Calculated MW:</b> 34 kDa	
	<b>Observed MW:</b> 34 kDa	

## Applications

<b>Tested Applications:</b> ELISA	<b>Positive Controls:</b> ELISA : Ag28793,
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

CRK is a member of an adapter protein family that binds to several tyrosine-phosphorylated proteins. CRK 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.

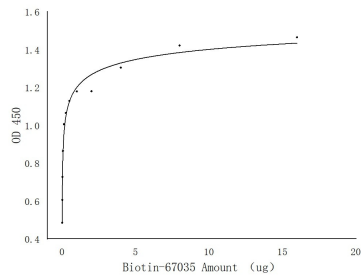
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Biotin-67035 tested by ELISA. Ag28793(CRK 41-304 aa) was coated onto microtiter plates at 0.15 µg/well and then incubated with a dilution series of Biotin-67035 (start dilution 1:500. Bound antibodies were detected with Streptavidin Poly-HRP(1:5000) followed by incubation with HRP Substrate, terminated with 2M H<sub>2</sub>SO<sub>4</sub>, then measuring the resulting absorbance at 450 nm.