

For Research Use Only

# Biotin-conjugated CRK Monoclonal antibody



Catalog Number: Biotin-67035

## Basic Information

Catalog Number:

Biotin-67035

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28793

GenBank Accession Number:

BC008506

GeneID (NCBI):

1398

UNIPROT ID:

P46108

Full Name:

v-crk sarcoma virus CT10 oncogene homolog (avian)

Calculated MW:

34 kDa

Observed MW:

34 kDa

Purification Method:

Protein G purification

CloneNo.:

2B7E1

Recommended Dilutions:

ELISA 1:250-1:1000

## Applications

Tested Applications:

ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

ELISA : Ag28793,

## 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:

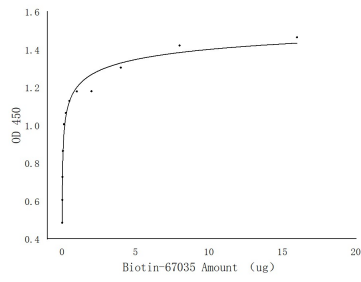
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Biotin-67035 tested by ELISA. Ag28793(CRK 41-304 aa) was coated onto microtiter plates at 0.15  $\mu\text{g}/\text{well}$  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  $\text{H}_2\text{SO}_4$ , then measuring the resulting absorbance at 450 nm.