

For Research Use Only

Biotin-conjugated CRK Monoclonal antibody



Catalog Number: **Biotin-67035**

Basic Information

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

Applications

Tested Applications: ELISA	Positive Controls: ELISA : Ag28793,
Species Specificity: 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

***** 20ul sizes contain 0.1% BSA**

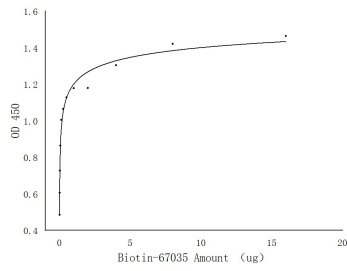
For technical support and original validation data for this product please contact:

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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 H_2SO_4 , then measuring the resulting absorbance at 450 nm.