

## Anti-CRK Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

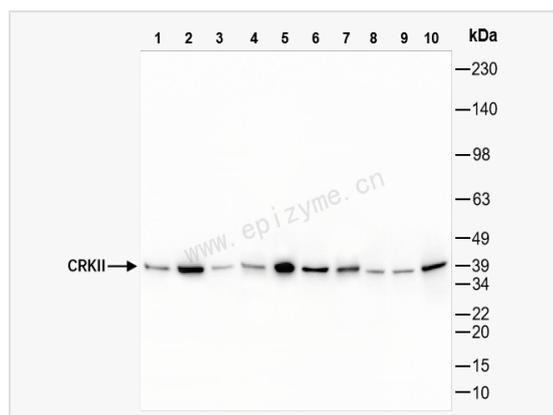
Catalog # R015899

### Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	67T37G66
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human CRKII
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CRK Rabbit mAb [67T37G66] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Adapter molecule crk; Proto-oncogene c-Crk; p38; CRK.
Calculated MW	Calculated MW: 34 kDa; Observed MW: 38 kDa
Uniprot ID	P46108
Gene ID	1398
Background	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. [provided by RefSeq, Jul 2008]
Cellular Location	Cytoplasm.Cell membrane.Translocated to the plasma membrane upon cell adhesion.



Western Blot - Anti-CRK Rabbit mAb [67T37G66]

All lanes: R015899 at 1:1,000 dilution

Lane 1: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 2: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

Lane 3: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 4: Mouse spleen whole tissue lysates

Lane 5: Mouse embryo-like whole tissue lysates

Lane 6: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lane 7: Rat spleen whole tissue lysates

Lane 8: Rat lymphoid whole tissue lysates

Lane 9: Rat liver whole tissue lysates

Lane 10: Rat adipose whole tissue lysates

Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 34 kDa

Observed band size: 38 kDa

Developed using the ECL technique (Cat. No. SQ201).