

Product datasheet for TA346922

p38 (CRK) Mouse Monoclonal Antibody [Clone ID: 3H7-E5-H8]

Product data:

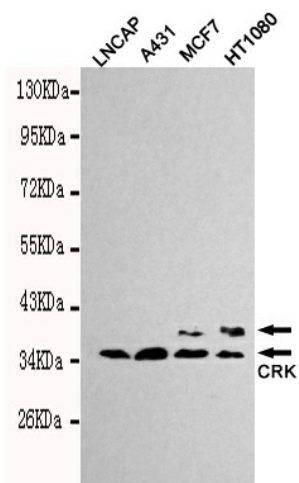
Product Type:	Primary Antibodies
Clone Name:	3H7-E5-H8
Applications:	WB
Recommend Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	The immunogen for CRK antibody: purified recombinant human CrkII protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Predicted Protein Size:	34 kDa
Gene Name:	v-crk avian sarcoma virus CT10 oncogene homolog
Database Link:	NP_058431 Entrez Gene 1398 Human
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.
Synonyms:	CRKII; p38
Protein Families:	Druggable Genome, Transcription Factors



[View online »](#)

Protein Pathways:

Chemokine signaling pathway, Chronic myeloid leukemia, ErbB signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, Insulin signaling pathway, MAPK signaling pathway, Neurotrophin signaling pathway, Pathways in cancer, Regulation of actin cytoskeleton, Renal cell carcinoma

Product images:

Western blot detection of CrkII in Lncap, A431, MCF7 and HT1080 cell lysates using CrkII mouse mAb (1:1000 diluted). Predicted band size: 34kDa. Observed band size: 34kDa.