

DESCRIPTION

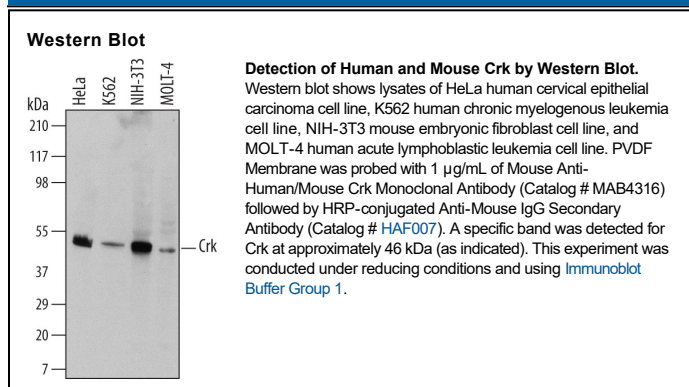
Species Reactivity	Human/Mouse
Specificity	Detects human Crk in direct ELISAs and human and mouse Crk in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 463414
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Crk Gln205-Ser304 Accession # P46108
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Sterile PBS to a final concentration of 0.5 mg/mL.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Crk belongs to a family of adaptor molecules that are widely expressed in numerous tissues. It was originally isolated from a chicken tumor sample, and despite lacking enzymatic activity, this protein is involved in many signal transduction pathways leading to phosphorylation of multiple proteins. Crk forms multi protein complexes via its SH2 (aa 13-118) and SH3 (aa 132-192 and aa 237-296) domains leading to activation of downstream molecules involved in growth, differentiation, cell adhesion and migration. Alternate splicing generates an additional isoform that lacks aa 205-304.