

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human, mouse, and rat CrkL in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human CrkL Met1-Glu303 Accession # P46109
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

CrkL is a widely-expressed 39 kD adaptor protein that belongs to the Crk protein family and is abundantly expressed in cells of hematopoietic origin. Through its SH2 and SH3 domains CrkL initiates interactions with numerous downstream proteins such as CBL, Cas, Paxillin, C3G, SOS, PI3K, c-Abl and BCR/Abl. It is involved in processes such as adhesion, migration and immune responses. Furthermore, CrkL plays an essential role in Chronic Myelogenous Leukemia and is constitutively phosphorylated by the Bcr-Abl kinase in this disease.

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