

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects endogenous human and mouse Hck at 59 kDa in Western blots.
Source	Monoclonal Rat IgG _{2A} Clone # 394903
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Hck Met22-Asp80 Accession # P08631
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

Hemopoietic cell kinase (Hck) is a member of the Src family of tyrosine kinases. Hck expression is prominent in cells of myeloid lineage, particularly in granulocytes and monocytes, with protein levels increasing during terminal differentiation and macrophage activation. Hck contains a unique amino-terminal domain that is subject to lipid modifications, targeting this kinase to the plasma membrane.

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