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Hck Ab

Images(2)

Mol.Wt.: 57kDa Cat.#: DF6807 Concn.: ~1mg/ml Size: Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200

*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Rat

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% Storage:

sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from

date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using

SulfoLinkTM Coupling Resin (Thermo Fisher Scientific).

A synthesized peptide derived from human Hck, corresponding to a region Immunogen:

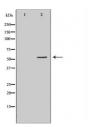
within C-terminal amino acids.

P08631 Uniprot:

Hck (hemopoietic cell kinase) is a protein tyrosine kinase of the Src family Description:

prominently expressed in the lymphoid and myeloid lineages of hemopoiesis . It participates in transducing a variety of extracellular signals, which ultimately affect cellular processes including proliferation, differentiation and migration. The well-defined modular structure of Hck comprises a relatively divergent, NH2-terminal unique domain, which is subject to posttranslational lipid modifications thereby targeting Hck to the plasma membrane. Src homology 3 (SH3) and 2 (SH2) domains, and a tyrosine kinase catalytic domain follow the unique domain. The catalytic activity of

Hck is regulated, both positively and negatively, by tyrosine phosphorylation of highly conserved tyrosine (Y) residues.



Western blot analysis of extracts from Raji, using HCK Ab. The lane on the

left was treated with the antigen-specific peptide.



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DF6807 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1% TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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