Data Sheet (Cat.No.TMAC-01768)

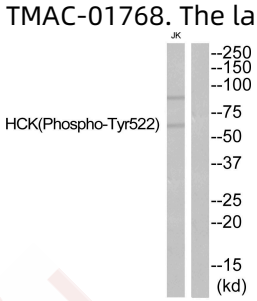
Anti-Phospho-HCK (Tyr522) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 60 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Applications

Verified Activity: 1. Western blot analysis of extracts from JurKat cells using HCK (Phospho-Tyr522) Antibody TMAC-01768. The lane on the right is treated with the antigen-specific peptide.



Application:	WB
Recommended	WB: 1:500-1000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 522(S-Q-Y(p)-Q-Q) derived from Human HCK
Antigen Species:	Human
Uniprot ID:	P08631
Synonyms:	Hck (p-Tyr522);Bmk;MGC 18625;p-Hck (Tyr522);Hck 1;JTK 9;MGC18625;Tyrosine protein kinase HCK;p59HCK/p60HCK;Hck (p-Y522);p59 HCK/p60 HCK;Hemopoietic cell kinase;HCK;JTK9; Hemopoietic cell kinase isoform p59 Hck;p-Hck (Y522)

Research Background

The protein encoded by this gene is a protein-tyrosine kinase that is predominantly expressed in hemopoietic cell types. The encoded protein may help couple the Fc receptor to the activation of the respiratory burst. In addition, it may play a role in neutrophil migration and in the degranulation of neutrophils. Alternate translation initiation site usage, including a non-AUG (CUG) codon, results in the production of two different isoforms, that have different

subcellular localization.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481