

Product datasheet for **AM06200SU-N**

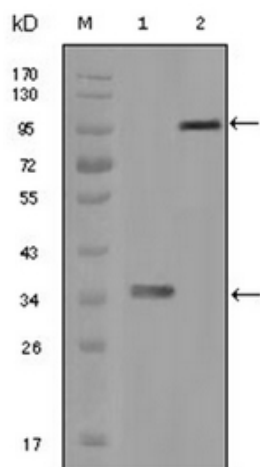
HCK Mouse Monoclonal Antibody [Clone ID: 3D12E10]

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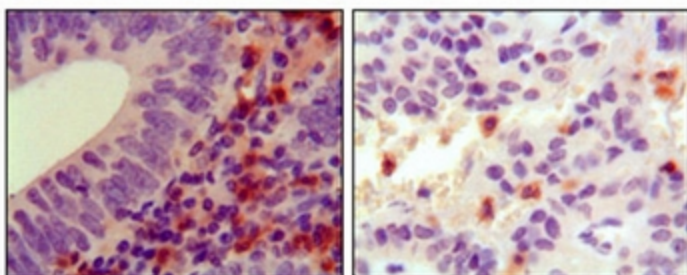
Product Type:	Primary Antibodies
Clone Name:	3D12E10
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blotting: 1/500 - 1/2000. Immunohistochemistry on Paraffin Sections: 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of HCK expressed in E. Coli.
Specificity:	Recognizes HCK
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	HCK proto-oncogene, Src family tyrosine kinase
Database Link:	Entrez Gene 3055 Human P08631
Background:	Hemopoietic cell kinase. 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.
Synonyms:	Hemopoietic cell kinase, p59-HCK, p60-HCK, BMK, p56-HCK



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Product images:

Western blot analysis using HCK antibody Cat.-No AM06200SU-N against truncated HCK recombinant protein (Lane 1) and full-length HCK-GFP transfected CHO-K1 cell lysate (Lane 2).



Immunohistochemical analysis of paraffin-embedded human colon cancer (left) and pancreas cancer (right), showing cytoplasmic localization using HCK antibody Cat.-No AM06200SU-N with DAB staining.