



HCK Mouse Monoclonal Antibody

E10-20166

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.

Catalog Number. E10-20166

Amount. 100µg/100µl

Clone Number. 3D12E10

Species. Mouse IgG1

Aliases. JTK9

Entrez Gene. 3055

Immunogen. Purified recombinant fragment of HCK expressed in E. Coli.

Storage. Store at 4°C, for long term storage, store at -20°C

Formulation. Ascitic fluid containing 0.03% sodium azide.

Species Reactivities. Human

Tested Applications. WB,IHC,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes. WB. 1/500 - 1/2000,IHC.1/200 - 1/1000.ELISA. Propose dilution 1/10000.

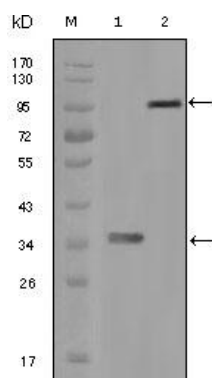


Figure 1. Western blot analysis using HCK mouse mAb against truncated HCK recombinant protein (1) and full-length HCK-GFP transfected CHO-K1 cell lysate (2).

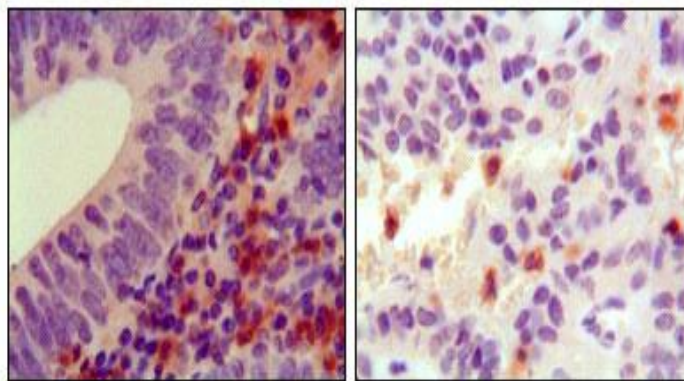


Figure 2. Immunohistochemical analysis of paraffin-embedded human colon cancer (left) and pancreas cancer (right), showing cytoplasmic localization using HCK mouse mAb with DAB staining.

For Research Use Only