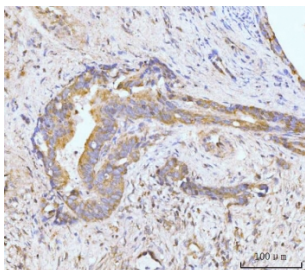


HPK1 Antibody / Hematopoietic Progenitor Kinase 1 / MAP4K1 (RQ6654)

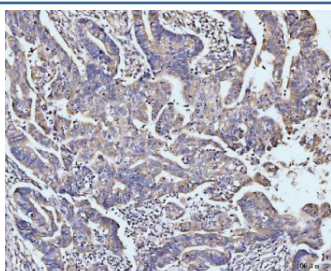
Catalog No.	Formulation	Size
RQ6654	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

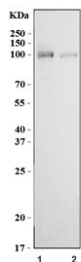
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q92918
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This HPK1 antibody is available for research use only.



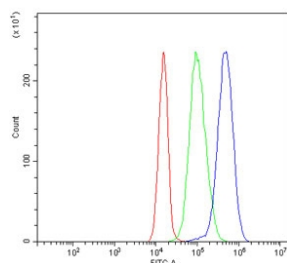
IHC staining of FFPE human gall bladder adenosquamous carcinoma tissue with HPK1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human colonic adenocarcinoma tissue with HPK1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) Raji and 2) Jurkat cell lysate with HPK1 antibody.
Predicted molecular weight ~96 kDa.



Flow cytometry testing of human SiHa cells with HPK1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HPK1 antibody.

Description

Mitogen-activated protein kinase kinase kinase 1 is a protein kinase that in humans is encoded by the MAP4K1 gene. It is also known as HPK1 (Hematopoietic Progenitor Kinase 1). The protein has been shown to play a role in JNK activation.

Application Notes

Optimal dilution of the HPK1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids E30-H769) was used as the immunogen for the HPK1 antibody.

Storage

After reconstitution, the HPK1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.