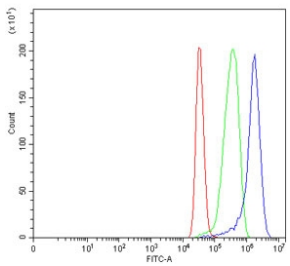
MST4 Antibody / STK26 / MASK (RQ7392)

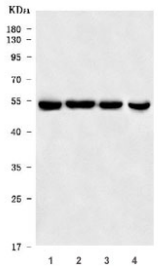
Catalog No.	Formulation	Size
RQ7392	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

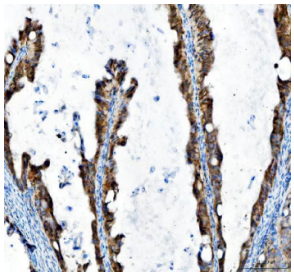
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9P289
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Immunohistochemistry (FFPE): 2-5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This MST4 antibody is available for research use only.



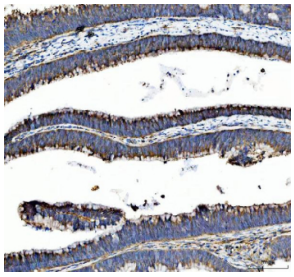
Flow cytometry testing of fixed and permeabilized human MCF7 cells with MST4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MST4 antibody.



Western blot testing of 1) human HeLa, 2) human 293T, 3) human Jurkat and 4) rat PC-12 cell lysate with MST4 antibody. Predicted molecular weight ~47 kDa.



IHC staining of FFPE human ovarian cancer tissue with MST4 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human colon cancer tissue with MST4 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Serine/threonine-protein kinase 26 is a member of the GCK group III family of kinases, which are a subset of the Ste20-like kinases. The encoded protein contains an amino-terminal kinase domain, and a carboxy-terminal regulatory domain that mediates homodimerization. The protein kinase localizes to the Golgi apparatus and is specifically activated by binding to the Golgi matrix protein GM130. It is also cleaved by caspase-3 in vitro, and may function in the apoptotic pathway. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

Application Notes

Optimal dilution of the MST4 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids K233-P416) was used as the immunogen for the MST4 antibody.

Storage

After reconstitution, the MST4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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