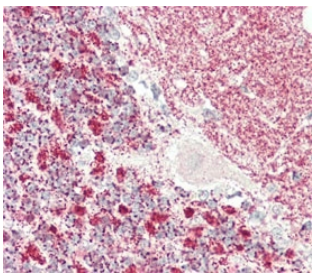
Kinesin light chain 1 Antibody / KLC1 (F54987)

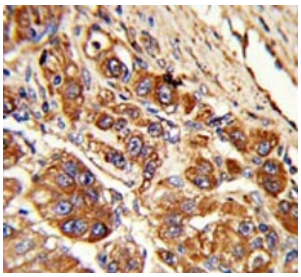
Catalog No.	Formulation	Size
F54987-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54987-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

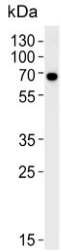
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q07866
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1:1000 Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100
Limitations	This Kinesin light chain 1 antibody is available for research use only.



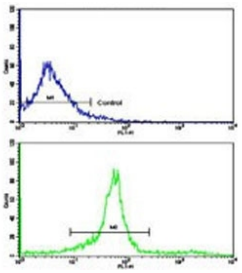
IHC testing of FFPE human cerebellum tissue with Kinesin light chain 1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human hepatocellular carcinoma tissue with Kinesin light chain 1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human HeLa cell lysate with Kinesin light chain 1 antibody. Predicted molecular weight ~65 kDa.



Flow cytometry testing of human WiDr cells with Kinesin light chain 1 antibody; Blue=isotype control, Green= Kinesin light chain 1 antibody.

Description

Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport. The light chain may function in coupling of cargo to the heavy chain or in the modulation of its ATPase activity.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Kinesin light chain 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 389-415 from the human protein was used as the immunogen for the Kinesin light chain 1 antibody.

Storage

Aliquot the Kinesin light chain 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.