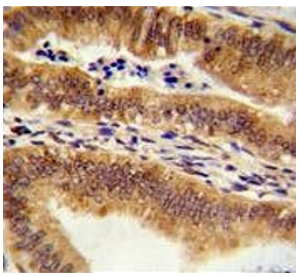
MEAK7 Antibody / TLDC1 / KIAA1609 (F54549)

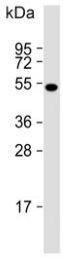
Catalog No.	Formulation	Size
F54549-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54549-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

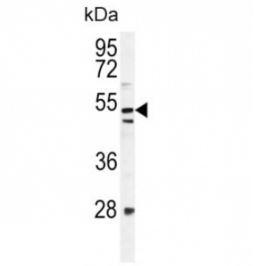
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q6P9B6
Applications	Flow cytometry: 1:25 (1x10e6 cells) Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:25
Limitations	This MEAK7 antibody is available for research use only.



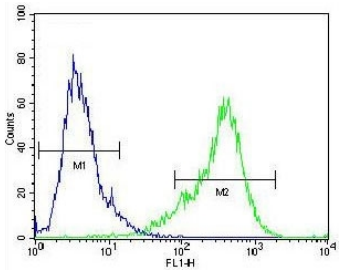
IHC testing of FFPE human uterus tissue with MEAK7 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human DU145 cell lysate with MEAK7 antibody. Predicted molecular weight ~51 kDa.



Western blot testing of mouse NIH 3T3 cell lysate with MEAK7 antibody. Predicted molecular weight ~51 kDa.



Flow cytometry testing of mouse NIH 3T3 cells with MEAK7 antibody; Blue=isotype control, Green= MEAK7 antibody.

Description

Activates an alternative mTOR signaling through RPS6KB2 activation and EIF4EBP1 repression to regulate cell proliferation and migration. Recruits MTOR at the lysosome, essential for MTOR signaling at the lysosome. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the MEAK7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 426-456 from the human protein was used as the immunogen for the MEAK7 antibody .

Storage

Aliquot the MEAK7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.