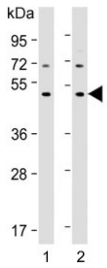
IDOL Antibody / MYLIP (F54294)

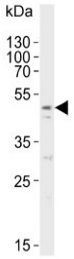
Catalog No.	Formulation	Size
F54294-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54294-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

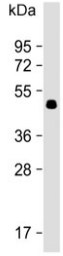
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q8WY64
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:25 Flow cytometry: 1:25 (1x10e6 cells)
Limitations	This IDOL antibody is available for research use only.



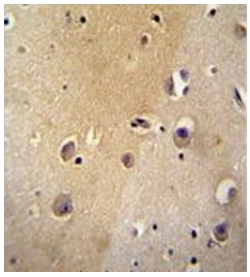
Western blot testing of human 1) 293 and 2) MCF7 cell lysate with IDOL antibody. Predicted molecular weight ~50 kDa.



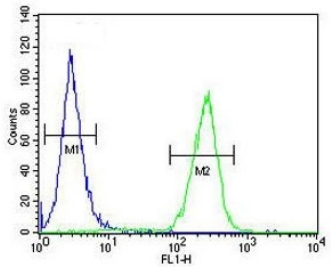
Western blot testing of mouse kidney lysate with IDOL antibody. Predicted molecular weight ~50 kDa.



Western blot testing of rat brain lysate with IDOL antibody. Predicted molecular weight ~50 kDa.



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



Flow cytometry testing of fixed and permeabilized human MCF7 cells with IDOL antibody; Blue=isotype control, Green= IDOL antibody.

Description

The ERM protein family members ezrin, radixin, and moesin are cytoskeletal effector proteins linking actin to membrane-bound proteins at the cell surface. Myosin regulatory light chain interacting protein (MYLIP), also called Inducible degrader of the LDL-receptor (IDOL), is a novel ERM-like protein that interacts with myosin regulatory light chain and inhibits neurite outgrowth.

Application Notes

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

Immunogen

A portion of amino acids 111-139 from the human protein were used as the immunogen for the IDOL antibody.

Storage

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

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