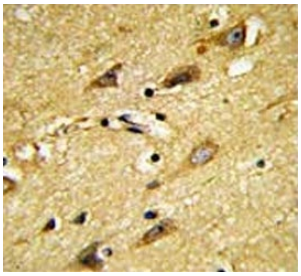
MOBP Antibody / Myelin-associated oligodendrocyte basic protein (F54899)

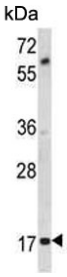
Catalog No.	Formulation	Size
F54899-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54899-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

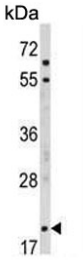
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q13875
Localization	Cytoplasmic
Applications	Flow cytometry: 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE): 1:50-1:100 Western blot: 1:500-1:1000
Limitations	This MOBP antibody is available for research use only.



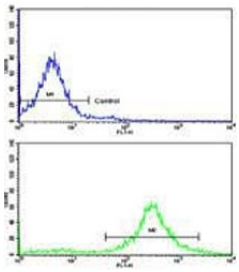
IHC testing of FFPE human brain tissue with MOBP antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of mouse cerebellum tissue lysate with MOBP antibody. Predicted molecular weight ~21 kDa.



Western blot testing of human HEK293 cell lysate with MOBP antibody. Predicted molecular weight ~21 kDa.



Flow cytometry testing of human HEK293 cells with MOBP antibody; Blue=isotype control, Green= MOBP antibody.

Description

MOBP may play a role in compacting or stabilizing the myelin sheath, possibly by binding the negatively charged acidic phospholipids of the cytoplasmic membrane (By similarity).

Application Notes

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

Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for the MOBP antibody.

Storage

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

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