

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

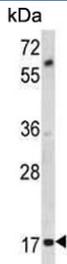
Catalog No.	Formulation	Size
F54899-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54899-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

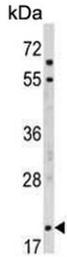
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q13875
<b>Localization</b>	Cytoplasmic
<b>Applications</b>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



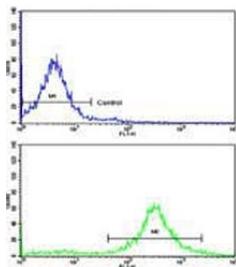
IHC testing of FFPE human brain tissue with MOBP antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



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.