Fatty acid-binding protein, brain Antibody

Mouse Monoclonal Antibody [Clone FABP7/14389]

Catalog No	Format	Size
2173-MSM8-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2173-MSM8-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2173-MSM8-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	FABP7/14389
Immunogen	Recombinant fragment (around aa 7-132) of human FABP7 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	14.89kDa
Cellular Localization	Cytoplasm
Species Reactivity	Human
Positive Control	Expressed in brain and other neural tissues

**Optimal dilution for a specific application should be determined.*

Product Images for Fatty acid-binding protein, brain Antibody

Specificity & Comments

B-FABP could be involved in the transport of a so far unknown hydrophobic ligand with potential morphogenic activity during CNS development. It is required for the establishment of the radial glial fiber system in developing brain, a system that is necessary for the migration of immature neurons to establish cortical layers (By similarity).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.