ENAH / MENA (Actin Regulator) Antibody

Mouse Monoclonal Antibody [Clone ENAH/1988]

Catalog No	Format	Size
55740-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
55740-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
55740-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

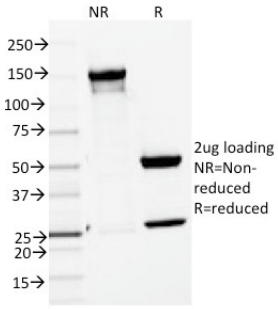
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

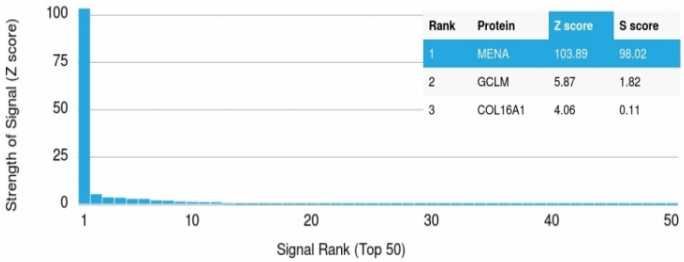
Clone	ENAH/1988
Gene Name	ENAH
Immunogen	Recombinant fragment of human MENA protein (around aa 485-589) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2c / Kappa
Mol. Weight of Antigen	80/88/140kDa
Cellular Localization	Cell junction, Cell projection, Cytoplasm, Cytoskeleton, Filopodium, Focal adhesion, Lamellipodium, Synapse
Species Reactivity	Human
Positive Control	MCF-7 cells. Uterus.

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

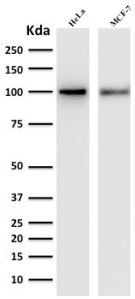
Product Images for ENAH / MENA (Actin Regulator) Antibody



SDS-PAGE Analysis of Purified ENAH / MENA Mouse Monoclonal Antibody (ENAH/1988). Confirmation of Purity and Integrity of Antibody.



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing ENAH / MENA Mouse Monoclonal Antibody (ENAH/1988) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



Western Blot Analysis of human HeLa and MCF-7 cell lysate with ENAH / MENA Mouse Monoclonal Antibody (ENAH/1988).

Specificity & Comments

The Wiskott-Aldrich syndrome (WAS) is characterized by thrombocytopenia, eczema, defects in cell-mediated and humoral immunity and a propensity for lymphoproliferative diseases. The syndrome is the result of a mutation in the gene encoding a proline-rich protein termed WASP. WASP is a downstream effector of Cdc42 and has been implicated in actin polymerization and cyto-skeletal organization. Distantly related proteins, VASP (vasodilator-stimulated phosphoprotein) and Mena (for mammalian enabled protein), are involved in the regulation of cytoskeletal dynamics. Both Mena and VASP accumulate at focal adhesions. Mena is highly expressed in the developing nervous system and may be involved in growth cone motility and axon guidance.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/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.

Research Areas

Developmental Biology, Immunology, Mast Cell Marker, Neuroscience

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.