Datasheet for ABIN6940390

anti-ENAH antibody (AA 485-589)

3 Images

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Overview

Quantity:	100 µg
Target:	ENAH
Binding Specificity:	AA 485-589
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ENAH antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant fragment of human MENA protein (around aa 485-589) (exact sequence is proprietary)
Clone:	ENAH-1988
Isotype:	IgG2c kappa
Purification:	Purified by Protein A/G

Target Details

Target:	ENAH
Alternative Name:	ENAH (ENAH Products)
Background:	The Wiskott-Aldrich syndrome (WAS) is characterized by thrombocytopenia, eczema, defects in

Target Details

	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.
Molecular Weight:	80/88/140kDa
Gene ID:	55740
UniProt:	Q8N8S7

Application Details

Application Notes:	Positive Control: MCF-7 cells. Uterus. Known Application: ELISA (For coating, order Ab without BSA),Western Blot (1-2 µg/mL)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	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.
Expiry Date:	24 months

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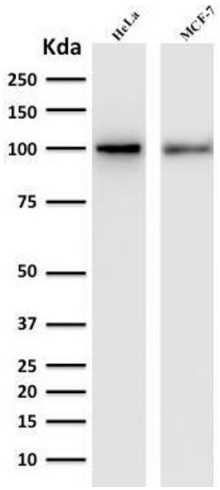
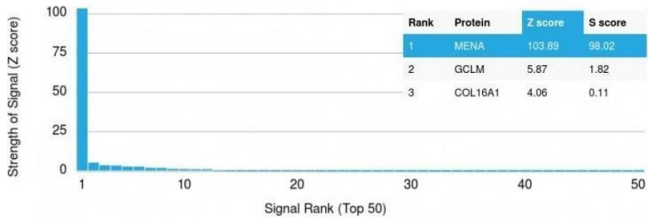


Western Blotting

Image 1. Western Blot Analysis of human HeLa and MCF-7 cell lysate with ENAH / MENA Mouse Monoclonal Antibody (ENAH/1988).



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using 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.

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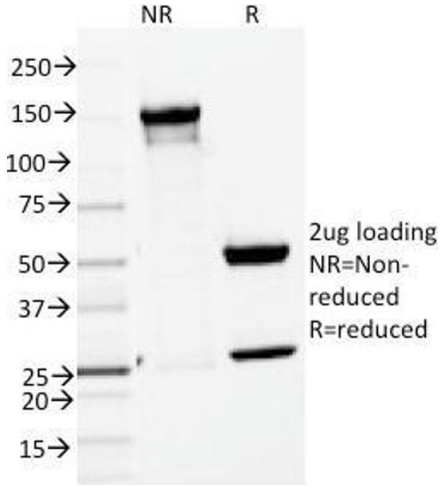

SDS-PAGE

Image 3. SDS-PAGE Analysis Purified ENAH / MENA Mouse Monoclonal Antibody (ENAH/1988). Confirmation of Purity and Integrity of Antibody.

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