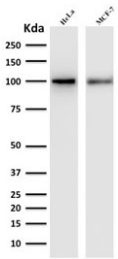
# ENAH Antibody / MENA [clone ENAH/1988] (V7474)

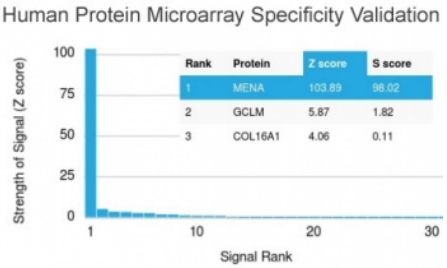
| Catalog No. | Formulation | Size |
|---|---|---|
| V7474-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V7474-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V7474SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

## Bulk quote request

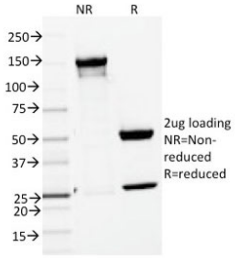
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG2c, kappa |
| **Clone Name** | ENAH/1988 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | Q8N8S7 |
| **Applications** | ELISA (order BSA/sodium Azide-free Format For Coating) :<br>Western Blot : 1-2ug/ml |
| **Limitations** | This ENAH antibody is available for research use only. |




Western blot testing of human HeLa and MCF-7 lysate with ENAH antibody. Predicted molecular weight ~66 kDa but can be observed at ~90 kDa.




Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using ENAH antibody (clone ENAH/1988). These results demonstrate the foremost specificity of the ENAH/1988 mAb.<BR>Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.




SDS-PAGE analysis of purified, BSA-free ENAH antibody as confirmation of integrity and purity.

## Description

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.

## Application Notes

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

## Immunogen

A portion of amino acids 485-589 from the human protein was used as the immunogen for the ENAH antibody.

## Storage

Store the ENAH antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).