Anti-MME Antibody (Clone# MME/1892)

CATALOG NO.: **A2234-100 (100 µg)**

BACKGROUND DESCRIPTION: The protein encoded by this gene is a type II transmembrane glycoprotein and a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). The encoded protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin.

ALTERNATE NAMES: NEP, SFE, CD10, CALLA, CMT2T, SCA43, Atriopeptidase, Neprilysin, gp100

ANTIBODY TYPE: Monoclonal

CLONE: MME/1892

HOST/ISOTYPE: Mouse / IgG2c, kappa

IMMUNOGEN: Recombinant human CD10 protein fragment (aa 297-483)

MOLECULAR WEIGHT: 86 kDa

PURIFICATION: Protein A/G purified

FORM: Liquid

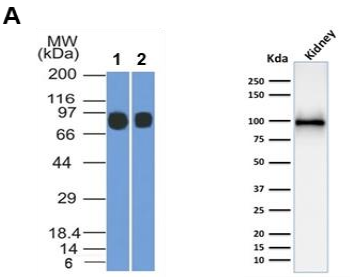
FORMULATION: In 10 mM PBS

SPECIES REACTIVITY: Human

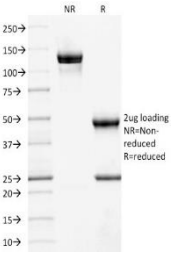
STORAGE CONDITIONS: Store at -20ºC. Avoid freeze/thaw cycles

APPLICATIONS AND USAGE: WB (1-2 µg/ml), IHC (1-2 µg/ml)

This information is only intended as a guide. The optimal dilutions must be determined by the user



Western Blot analysis of Raji (1), Ramos (2) cell lysates (A) and human kidney (B) using Anti-MME antibody (Clone# MME/1892).



SDS-PAGE analysis to confirm the purity and integrity of Anti-MME antibody (Clone# MME/1892).

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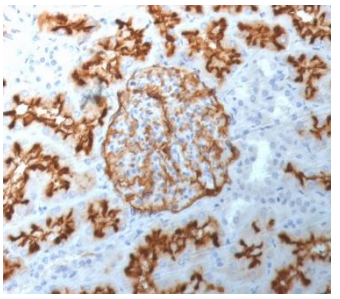
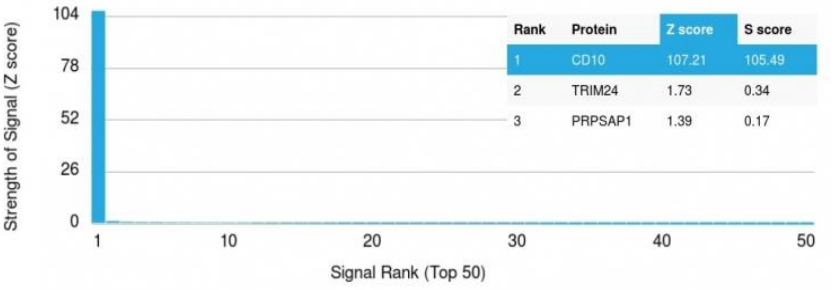


Immunohistochemical analysis of paraffin embedded human kidney using Anti-MME antibody (Clone# MME/1892).



Protein Array analysis of > 19,000 full-length human proteins on HuProt™ array using the Anti-MME antibody (Clone# MME/1892). Protein array data is represented in the form of the Z-score and S-score. Z-score denotes the signal strength of a monoclonal antibody (in conjugation with fluorescently-tagged anti-IgG secondary antibody) that it produces when binding to a particular protein on an array. S-score denotes the specificity of a monoclonal antibody relative to the target protein. S-score is calculated as the difference between the Z-scores. If the S-score is > 2.5, then the monoclonal antibody is specific to its target protein of interest.

RELATED PRODUCTS:

ADAM10 Antibody (3201)
p44/42 MAPK (Erk1/2) Antibody (3085R)
Anti-human CD81 Antibody (A1504)
Anti-AGTR1 Antibody (A1149)

FOR RESEARCH USE ONLY! Not to be used on humans.