Datasheet for ABIN6940058

anti-MME antibody (AA 297-483)

7 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	MME
Binding Specificity:	AA 297-483
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MME antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human CD10 protein fragment (aa297-483) (exact sequence is proprietary)
Clone:	MME-1870
Isotype:	IgG2c kappa
Specificity:	Recognizes a 100 kDa glycoprotein, identified as CD10, also known as Common Acute Lymphocytic Leukemia Antigen (CALLA). It is a cell surface enzyme with neutral metalloendopeptidase activity, which inactivates a variety of biologically active peptides. CD10 is expressed on the cells of lymphoblastic, Burkitt's, and follicular germinal center lymphomas, and on cells from patients with chronic myelocytic leukemia (CML). It is also expressed on the surface of normal early lymphoid progenitor cells, immature B cells within adult bone marrow and germinal center B cells within lymphoid tissue. CD10 is also present on breast myoepithelial cells, bile canaliculi, fibroblasts, with especially high expression on the brush

Product Details

	border of kidney and gut epithelial cells.
Purification:	Purified by Protein A/G

Target Details

Target:	MME
Alternative Name:	MME (MME Products)
Target Type:	Chemical
Molecular Weight:	100kDa
Gene ID:	4311
UniProt:	P08473
Pathways:	RTK Signaling, Peptide Hormone Metabolism, Regulation of Systemic Arterial Blood Pressure by Hormones, Smooth Muscle Cell Migration

Application Details

Application Notes:	Positive Control: Kidney, Prostate or Small Intestine. Known Application: Western Blot (1-2 µg/mL),Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

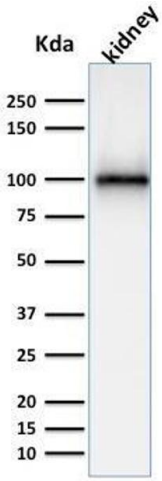
Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store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

 Copyright antibodies-online. All rights reserved.

Handling

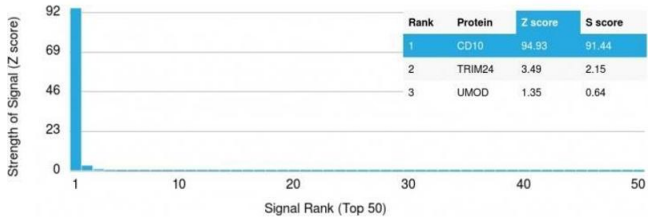
Expiry Date:	24 months

Images



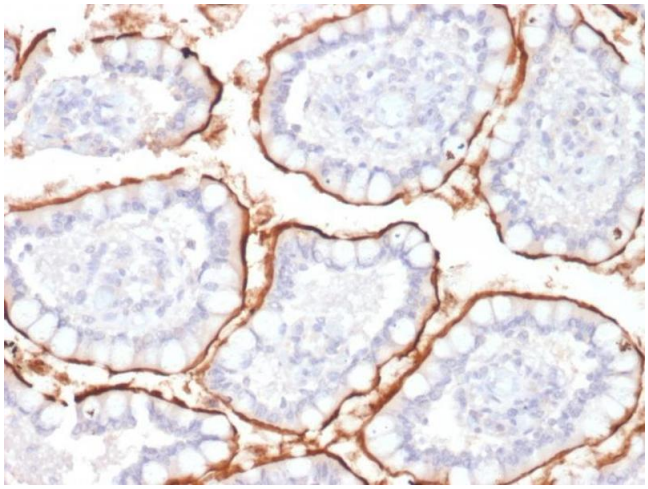
Western Blotting

Image 1. Western Blot Analysis of kidney tissue lysate using CD10 Mouse Monoclonal Antibody (MME/1870).



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using CD10 Mouse Monoclonal Antibody (MME/1870) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (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 MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb 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 MAb to protein X is equal to 29.



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Colon stained with CD10 Mouse Monoclonal Antibody (MME/1870).

Please check the product details page for more images. Overall 7 images are available for ABIN6940058.