Recombinant CD10 (Membrane Metalloendopeptidase) Antibody

Rabbit Monoclonal Antibody [Clone MME/9617R]

Catalog No	Format	Size
4311-RBM45-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4311-RBM45-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4311-RBM45-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

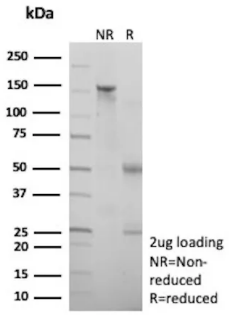
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

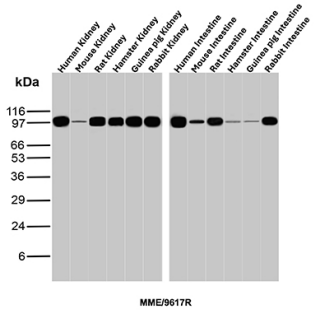
Clone	MME/9617R
Immunogen	Recombinant fragment (around aa472-505) of the human CD10 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	85.51kDa
Cellular Localization	Cell membrane
Species Reactivity	Human, Rat
Positive Control	Human tonsil, Human Intestine, Rat Intestine, Human kidney, Rat kidney

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

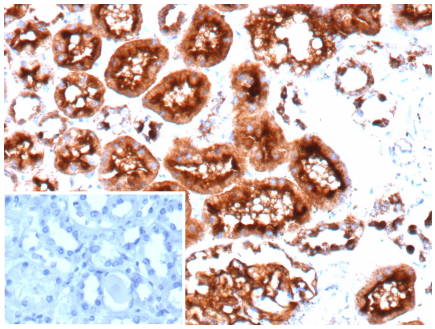
Product Images for Recombinant CD10 (Membrane Metalloendopeptidase) Antibody



SDS-PAGE Analysis of Purified CD10 Recombinant Rabbit Monoclonal Antibody (MME/9617R). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of Human Kidney, Mouse Kidney, Rat Kidney, Hamster Kidney, Guinea pig Kidney, Rabbit Kidney, Human Intestine, Mouse Intestine, Rat Intestine, Hamster Intestine, Guinea pig Intestine and Rabbit Intestine tissue lysates using CD10 Recombinant Rabbit Monoclonal Antibody (MME/9617R).



Formalin-fixed, paraffin-embedded human colon stained with CD10 Recombinant Rabbit Monoclonal Antibody (MME/9617R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

Recognizes a 100kDa 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 border of kidney and gut epithelial cells.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. 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.

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.