

For Research Use Only

MME,CD10 Monoclonal antibody, PBS Only



Catalog Number: 60034-3-PBS

Featured Product

Basic Information

Catalog Number:

60034-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0427

GenBank Accession Number:

BC101658

GeneID (NCBI):

4311

UNIPROT ID:

P08473

Full Name:

membrane metallo-endoropeptidase

Calculated MW:

750 aa, 86 kDa

Observed MW:

100 kDa

Purification Method:

Protein A purification

CloneNo.:

4B9D9

Applications

Tested Applications:

WB, FC, IHC, ELISA

Species Specificity:

human, pig, mouse

Background Information

MME is also names as neprilysin, CALLA, NEP, SFE, CD10 and belongs to the peptidase M13 family. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. CD10 has been considered a useful marker in the diagnosis of renal carcinomas, because of its expression in clear cell and papillary renal cell carcinomas and its absence in chromophobe renal cell carcinomas (PMID:15286660).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS only

Aliquoting is unnecessary for -20°C storage

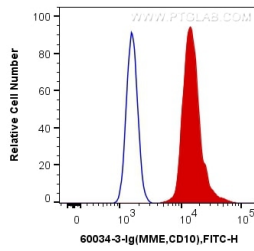
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

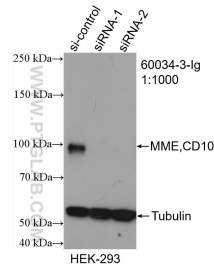
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

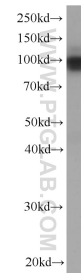
Selected Validation Data



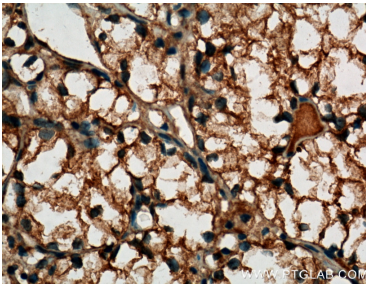
1X10⁶ Ramos cells were intracellularly stained with 0.2 ug Anti-Human MME,CD10 (60034-3-Ig, Clone:4B9D9) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 60034-3-PBS in a different storage buffer formulation.



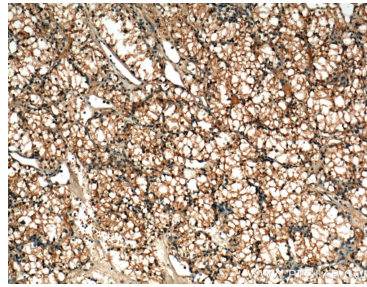
WB result of MME,CD10 antibody (60034-3-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MME,CD10 transfected HEK-293 cells. This data was developed using the same antibody clone with 60034-3-PBS in a different storage buffer formulation.



pig kidney tissue were subjected to SDS PAGE followed by western blot with 60034-3-Ig (MME,CD10 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60034-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 60034-3-Ig (MME,CD10 Antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60034-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 60034-3-Ig (MME,CD10 Antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60034-3-PBS in a different storage buffer formulation.