

For Research Use Only

MME,CD10 Monoclonal antibody

Catalog Number:60034-4-Ig



Basic Information

Catalog Number:	60034-4-Ig	GenBank Accession Number:	BC101658	Purification Method:	Caprylic Acid/Ammonium Sulfate Precipitation
Size:	1000 µg/ml	GenID (NCBI):	4311	CloneNo.:	2F12C1
Source:	Mouse	UNIPROT ID:	P08473	Recommended Dilutions:	IHC 1:20-1:200
Isotype:	IgG2b	Full Name:	membrane metallo-endopeptidase		
Immunogen Catalog Number:	AG0427	Calculated MW:	750 aa, 86 kDa		

Applications

Tested Applications: IHC,ELISA
Positive Controls: IHC: human kidney tissue,

Species Specificity:
human

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

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 with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data