

MME,CD10 Monoclonal antibody

Catalog Number: 60034-2-Ig

Basic Information

Catalog Number: 60034-2-Ig	GenBank Accession Number: BC101658	Purification Method: Caprylic Acid/Ammonium Sulfate Precipitation
Size: 1000 µg/ml	GeneID (NCBI): 4311	CloneNo.: 1E7A11
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

