

# MME,CD10 Monoclonal antibody

Catalog Number: 60034-4-Ig

## Basic Information

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

## Applications

|   |   |
|---|---|
| <b>Tested Applications:</b><br>IHC, ELISA | <b>Positive Controls:</b><br>IHC : human kidney tissue, |
| <b>Species Specificity:</b><br>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

