

Mouse Meprinbeta,MEP1B ELISA Kit

Catalog No: #EK5789

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Description

Product Name	Mouse Meprinbeta,MEP1B ELISA Kit
Specificity	Mouse
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO,L21-S594
Other Names	Meprin A subunit beta; Endopeptidase-2; Meprin B; Mep-1b
Accession No.	Q61847

Application Details

sensitivity:10pg mlDetect Range:0.156ng ml-10ng ml
 sample_type:cell culture supernates cell lysates tissue serum plasma (heparin EDTA).
 capture_antibody:monoclonal antibody from ratdetection_antibody:polyclonal antibody from goat
 gene_name:Mep1bprotein_name:Meprin A subunit
 beta gene_full_name:meprin 1 beta
 tissue_specificity:sequence_similarities:tmb_incubation:20-25minresearch_category:

Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse Meprinbeta,MEP1B

Background

protein_function:Meprins are multidomain zinc metalloproteases that are highly expressed in mammalian kidney and intestinal brush border membranes, and in leukocytes and certain cancer cells. They are involved in the hydrolysis of a variety of peptide and protein substrates, and have been implicated in cancer and intestinal inflammation. Mature meprins are oligomers of evolutionarily related, but separately encoded alpha and/or beta subunits. Homooligomers of alpha subunit are secreted, whereas, oligomers containing the beta subunit are plasma membrane-bound. This gene encodes the beta subunit. Targeted disruption of this gene in mice affects embryonic viability, renal gene expression profiles, and distribution of the membrane-associated alpha subunit in kidney and intestine.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.