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Product Data Sheet

Recombinant Anti-CD10 Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA1012	Rabbit	H, M, R	WB, IH

Description	Recombinant rabbit monoclonal antibody to CD10
Immunogen	Recombinant fusion protein of human CD10. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of CD10 protein.
Clonality	Monoclonal
Conjugation	
Form	Liquid in PBS, pH 7.3, 50% glycerol, and 0.05% Proclin300.
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/500)
Gene Symbol	MME
Alternative Names	EPN; Neprilysin; Atriopeptidase; Common acute lymphocytic leukemia antigen; CALLA; Enkephalinase; Neutral endopeptidase 24.11; NEP; Neutral endopeptidase; Skin fibroblast elastase; SFE; CD10
Entrez Gene	4311 (Human); 17380 (Mouse); 24590 (Rat)
SwissProt	P08473 (Human); Q61391 (Mouse); P07861 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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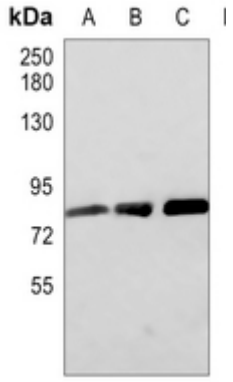
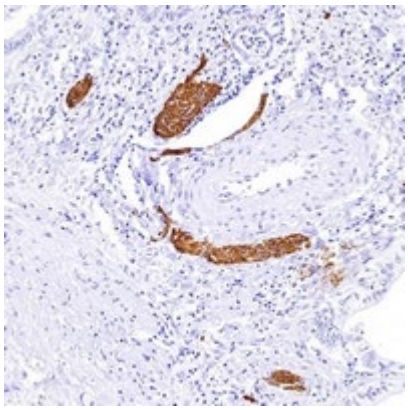


Western blot analysis of CD10 expression in mouse kidney (A), rat liver (B), rat kidney (C) whole cell lysates. (Predicted band size: 85 kD; Observed band size: 85 kD)



Immunohistochemical analysis of CD10 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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