Product Name: CD10 (7C7) Mouse Monoclonal Antibody
Catalog #: AMM00733

Summary

Production Name	CD10 (7C7) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	IHC-P
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	MME
Alternative Names	MME; EPN; Neprilysin; Atriopeptidase; Common acute lymphocytic leukemia antigen; CALLA; Enkephalinase; Neutral endopeptidase 24.11; NEP; Neutral endopeptidase; Skin fibroblast elastase; SFE; CD10
Gene ID	4311
SwissProt ID	P08473

Application

Dilution Ratio	IHC: 1/50-1/100
Molecular Weight	-

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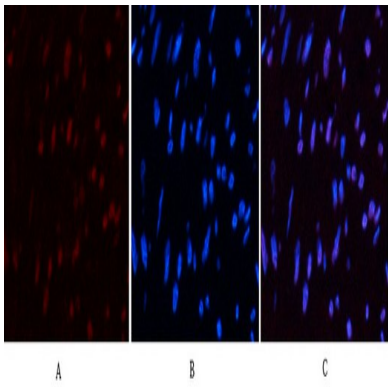
Background

CD10 is a transmembrane type II molecule and functions as a metallo-peptidase requiring zinc. Specifically, CD10 cleaves 1-3 amino-terminal amino acids from peptides with a preference for neutral amino acids (valine, iso-leucine, phenylalanine, leucine or alanine). Involved in the degradation of atrial natriuretic factor (ANF). Displays UV-inducible elastase activity toward skin preelastic and elastic fibers.

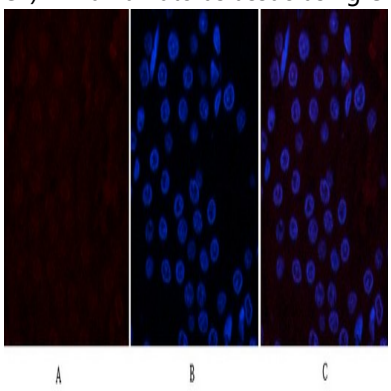
Research Area

Immunology

Image Data



Immunofluorescence analysis of CD10 (7C7) in Human uterus tissue using CD10 (7C7) antibody(red),and DAPI (blue).



Immunofluorescence analysis of CD10 (7C7) in rat kidney using CD10 antibody(red),and DAPI (blue).

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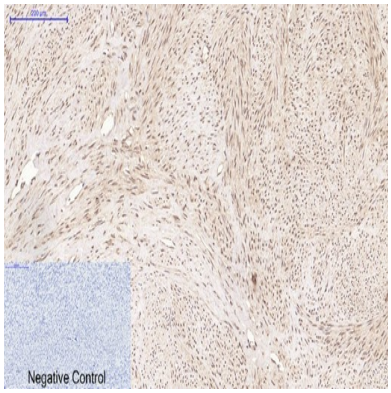
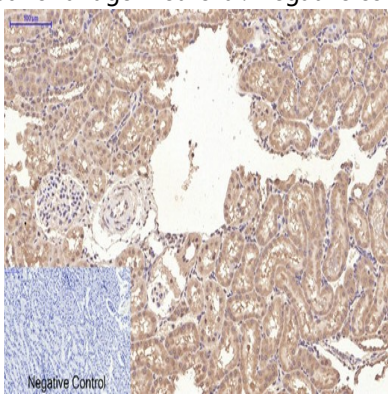
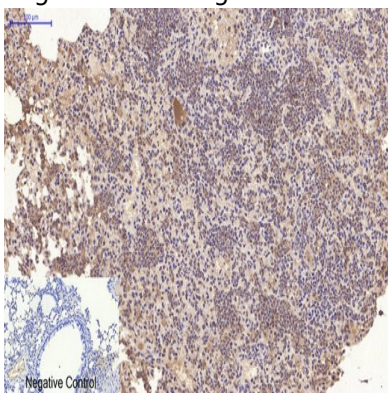


Immunohistochemistry analysis of paraffin-embedded Human uterus tissue using CD10 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded rat kidney tissue using CD10 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded mouse lung tissue using CD10 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.Negative control was used by secondary antibody only.

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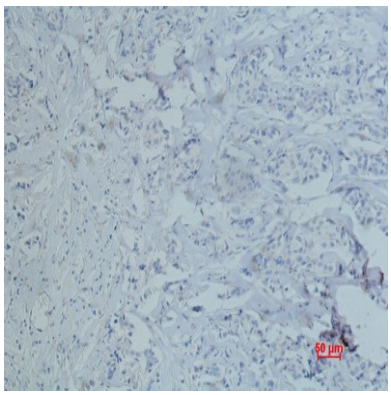

Immunohistochemistry analysis of paraffin-embedded Human breast cancer using CD10 (7C7) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.v

Note

For research use only.