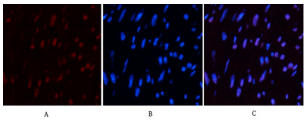
CD10 (7C7) Mouse mAb

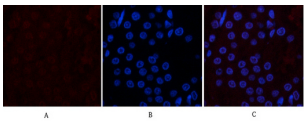
db6527 **Package : 50μL 100μL**

Product Name : CD10 (7C7) Mouse mAb
Cat.No.: db6527
Synonyms : Atriopeptidase; gp100; MGC126681; Enkephalinase
Application : IHC-P
Reactivity : Human, Rat, Mouse
Host species : Mouse

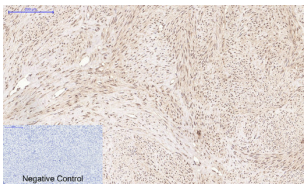
Background	Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids (PubMed/15283675, PubMed/8168535). Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond (PubMed/17101991). Able to cleave angiotensin-1, angiotensin-2 and angiotensin 1-9 (PubMed/15283675). Involved in the degradation of atrial natriuretic factor (ANF) (PubMed/2531377, PubMed/2972276). Displays UV-inducible elastase activity toward skin preelastic and elastic fibers (PubMed/20876573).
Immunogen	Synthetic peptide conjugated to KLH
Gene ID	4311
Swiss Prot	P08473
Synonyms	Atriopeptidase; gp100; MGC126681; Enkephalinase
Reactivity	Human, Rat, Mouse
Application	IHC-P
Recommended dilution	IHC: 1:50-1:100
Host species	Mouse
Clonality	Monoclonal
Clonality No.	7C7-1G5-10E3
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



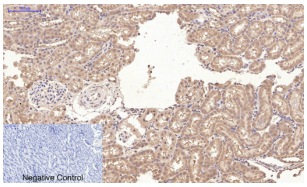
Immunofluorescence analysis of CD10 (7C7) in Human uterus tissue using CD10 (7C7) antibody(red),and DAPI (blue).



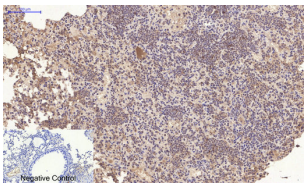
Immunofluorescence analysis of CD10 (7C7) in rat kidney using CD10 antibody(red),and DAPI (blue).



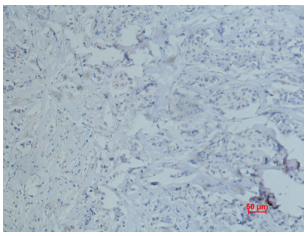
Immunohistochemistry analysis of paraffin-embedded Human uterus tissue using CD10 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



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.



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