

CD10 Monoclonal Antibody(5B8)
Catalog # AP63326**Specification****CD10 Monoclonal Antibody(5B8) - Product Information**

Application	IHC-P, IF
Primary Accession	P08473
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal

CD10 Monoclonal Antibody(5B8) - Additional Information**Gene ID** 4311**Other Names**

MME; EPN; Neprilysin; Atriopeptidase; Common acute lymphocytic leukemia antigen; CALLA; Enkephalinase; Neutral endopeptidase 24.11; NEP; Neutral endopeptidase; Skin fibroblast elastase; SFE; CD10

Dilution

IHC-P~~N/A

IF~~IF: 1:50-200 IHC: 1:200

Format

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions

-20°C

CD10 Monoclonal Antibody(5B8) - Protein Information**Name** MME {ECO:0000303|PubMed:27588448, ECO:0000312|HGNC:HGNC:7154}**Function**

Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids (PubMed:15283675, PubMed:6208535, PubMed:6349683, 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, PubMed:6349683). Catalyzes cleavage of bradykinin, substance P and neurotensin peptides (PubMed:6208535). Able to cleave angiotensin-1, angiotensin-2 and angiotensin 1-9 (PubMed:15283675, PubMed:<a

[6349683](http://www.uniprot.org/citations/6349683)). Involved in the degradation of atrial natriuretic factor (ANF) and brain natriuretic factor (BNP(1-32)) (PubMed:<[16254193](http://www.uniprot.org/citations/16254193)>, PubMed:<[2531377](http://www.uniprot.org/citations/2531377)>, PubMed:<[2972276](http://www.uniprot.org/citations/2972276)>). Displays UV-inducible elastase activity toward skin preelastic and elastic fibers (PubMed:<[20876573](http://www.uniprot.org/citations/20876573)>).

Cellular Location

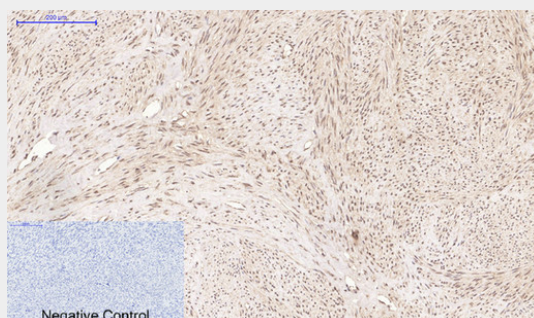
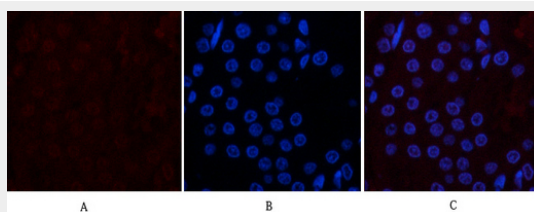
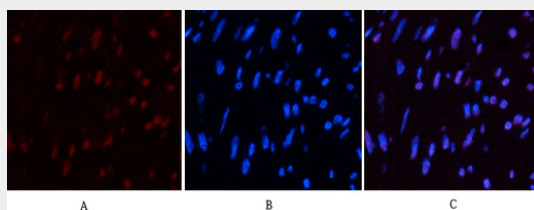
Cell membrane; Single-pass type II membrane protein

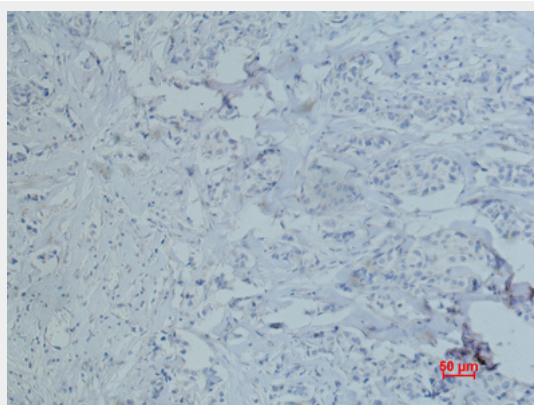
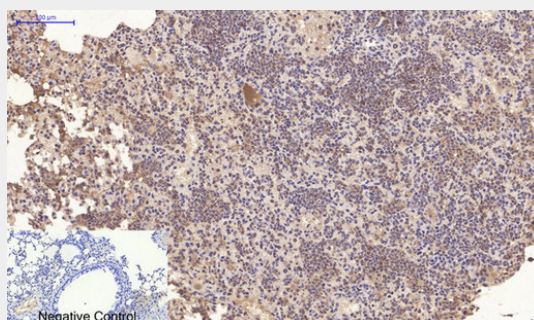
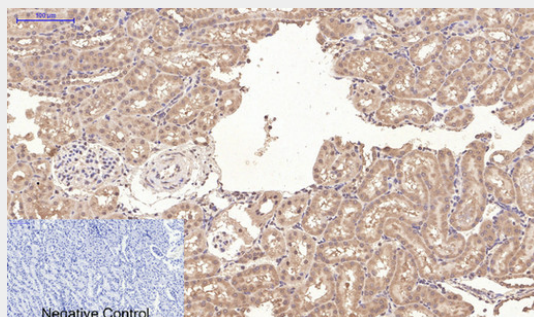
CD10 Monoclonal Antibody(5B8) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD10 Monoclonal Antibody(5B8) - Images





CD10 Monoclonal Antibody(5B8) - Background

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