

Mouse CD10 Monoclonal Antibody | anti-CD10 antibody

CD10 (7C7) Mouse mAb

CATALOG # AAA23996	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunohistochemistry
------------------------------	----------------------	--	---

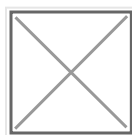
PRODUCT SYNONYMS

CD10; Monoclonal Antibody; CD10 (7C7) Mouse mAb; Atriopeptidase; gp100; MGC126681; Enkephalinase; anti-CD10 antibody

PRODUCT SPECIFICATIONS

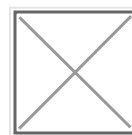
Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7C7-1G5-10E3
Specificity	The CD10 mouse monoclonal antibody candetectendogenous CD10 proteins.
Purity/Purification	Affinity purified
Form/Format	PBS(pH7.4) containing with 0.02% sodium azide and 50% glycerol.
Applicable Applications for anti-CD10 antibody	IHC (Immunohistochemistry)
Application Notes	IHC: 1:200
Immunogen	Synthetic peptide conjugated to KLH.
Conjugation	Unconjugated
Modification	Unmodified
Cell Position	Cell membrane, Membrane
Preparation and Storage	Store at 4 degree C for short term. Store at -20 degree C for long term. Avoid freeze/thaw cycle.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human-breast-cancer using antibody diluted at 1:50.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue. 1,CD10 Monoclonal Antibody(5B8) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



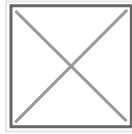
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1,CD10 Monoclonal Antibody(5B8) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



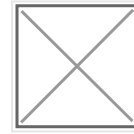
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-uterus tissue. 1,CD10 Monoclonal Antibody(5B8) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



IF (Immunofluorescence)

Immunofluorescence analysis of rat-kidney tissue. 1,CD10 Monoclonal Antibody(5B8)(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IF (Immunofluorescence)

Immunofluorescence analysis of human-uterus tissue. 1,CD10 Monoclonal Antibody(5B8)(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

ADDITIONAL INFORMATION

Related Product Information for anti-CD10 antibody	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).
Product Categories/Family for anti-CD10 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256329
NCBI GeneID	4311
NCBI Accession #	NP_000893.2
NCBI GenBank Nucleotide #	NM_000902.3
UniProt Accession #	P08473; Q3MIX4; A8K6U6; D3DNJ9
Molecular Weight	750
NCBI Official Full Name	neprilysin
NCBI Official Synonym Full Names	membrane metallo-endopeptidase
NCBI Official Symbol	MME
NCBI Official Synonym Symbols	NEP; SFE; CD10; CALLA
NCBI Protein Information	neprilysin; enkephalinase; atriopetidase; skin fibroblast elastase; neutral endopeptidase 24.11; membrane metallo-endopeptidase variant 1; membrane metallo-endopeptidase variant 2; common acute lymphocytic leukemia antigen; membrane metallo-endopeptidase
UniProt Protein Name	Neprilysin
UniProt Gene Name	MME
UniProt Synonym Gene Names	EPN; CALLA; NEP; Neutral endopeptidase; SFE
UniProt Entry Name	NEP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd10-antibody-clone-7c7-1g5-10e3-immunohistochemistry-elisa/23996>