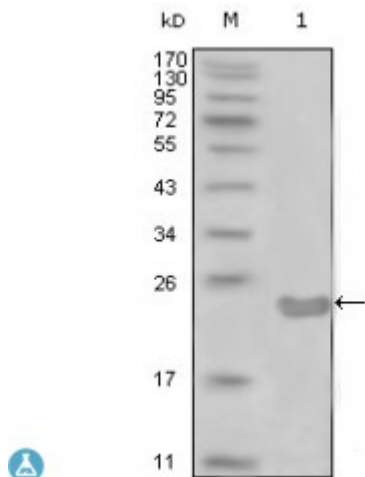


Anti-CD10 antibody



Description	Mouse monoclonal to CD10.
Model	STJ97902
Host	Mouse
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Purified recombinant fragment of CD10 expressed in E. Coli.
Gene ID	4311
Gene Symbol	MME
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000ELISA 1:10000
Specificity	CD10 Monoclonal Antibody detects endogenous levels of CD10 protein.
Purification	Affinity purification
Clone ID	3G9D10
Note	For Research Use Only (RUO).
Protein Name	Neprilysin Atriopeptidase Common acute lymphocytic leukemia antigen CALLA Enkephalinase Neutral endopeptidase 24.11 NEP Neutral endopeptidase Skin fibroblast elastase SFE CD antigen CD10
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1

Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7154OMIM:120520
Alternative Names	Neprilysin Atriopeptidase Common acute lymphocytic leukemia antigen CALLA Enkephalinase Neutral endopeptidase 24.11 NEP Neutral endopeptidase Skin fibroblast elastase SFE CD antigen CD10
Function	Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids . Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond . Able to cleave angiotensin-1, angiotensin-2 and angiotensin 1-9 . Involved in the degradation of atrial natriuretic factor (ANF) . Displays UV-inducible elastase activity toward skin preelastic and elastic fibers .
Cellular Localization	Cell membrane. Single-pass type II membrane protein.
Post-translational Modifications	Myristoylation is a determinant of membrane targeting. Glycosylation at Asn-628 is necessary both for surface expression and neutral endopeptidase activity.

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