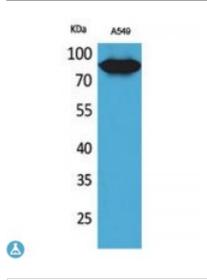


Anti-CD10 antibody



Description Rabbit polyclonal to CD10.

Model STJ96715

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, IHC, WB

Immunogen Synthesized peptide derived from human CD10.

Immunogen Region 491-540 aa, Internal

Gene ID 4311

Gene Symbol MME

Dilution range WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:20000

Specificity CD10 Polyclonal Antibody detects endogenous levels of CD10 protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

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

Molecular Weight 85 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

1 mg/ml Concentration

Store at -20°C, and avoid repeat freeze-thaw cycles. **Storage Instruction**

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

Thermolysin-like specificity, but is almost confined on acting on polypeptides **Function**

> 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 Myristoylation is a determinant of membrane targeting. Glycosylation at **Modifications**

Asn-628 is necessary both for surface expression and neutral endopeptidase

activity.

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