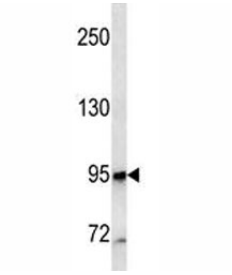
CD10 Antibody / Neprilysin [clone 307CT12.12.5] (F53573)

Catalog No.	Formulation	Size
F53573-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM
Clone Name	307CT12.12.5
Purity	Ascites
UniProt	P08473
Localization	Cell surface, Cytoplasmic
Applications	Western blot: 1:1000-1:4000
Limitations	This CD10 antibody is available for research use only.



CD10 antibody western blot analysis in CEM lysate.

Description

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. [UniProt]

Application Notes

Titration of the CD10 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 272-300 from the human protein was used as the immunogen for this CD10 antibody.

Storage

Aliquot the CD10 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.