

## 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

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

250  
130  
95  
72

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.