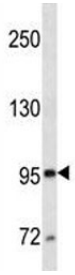
CD10 Antibody / Neprilysin [clone 307CT12.12.5] (F40299)

Catalog No.	Formulation	Size
F40299-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40299-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, k
Clone Name	307CT12.12.5
Purity	Purified
UniProt	P08473
Localization	Cell surface, Cytoplasmic
Applications	Western Blot : 1:100-1:250
Limitations	This CD10 antibody is available for research use only.



CD10 antibody western blot analysis in CEM lysate.

Description

This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). This protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of

proximal tubules and on glomerular epithelium. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a 100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5' untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing. [provided by RefSeq].

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.