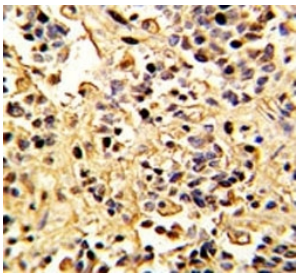
Neprilysin Antibody (F50314)

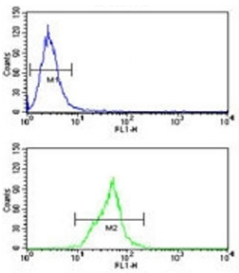
Catalog No.	Formulation	Size
F50314-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50314-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

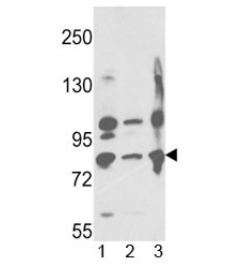
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rabbit, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P08473
Localization	Cell surface, Cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This Neprilysin antibody is available for research use only.



IHC analysis of FFPE human kidney carcinoma with Neprilysin antibody



Neprilysin antibody flow cytometry analysis of Ramos cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western blot analysis of Neprilysin antibody and 1) A2058, 2) A375, 3) Ramos lysate.

Description

MME is 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 oprotein 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.

Application Notes

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

Immunogen

A portion of amino acids 506-534 from the human protein was used as the immunogen for this Neprilysin antibody.

Storage

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