## CD10 Polyclonal Antibody

Cat \#: G-AB-01441

| Host: Rabbit | Reactivity: Human, Mouse, Rat |
| :--- | :--- |
| Isotype: IgG | Clonality: Polyclonal |

## Overview:

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 $5^{\prime}$ untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing.

## Gene ID:

Accession \#: NP_000893

Immunogen: Synthetic peptide of human MME
Conjugation: Unconjugated

Swissprot: P08473

Calculated Molecular Weight: 86 kDa

## Observed Molecular Weight:

Concentration: $0.4 \mathrm{mg} / \mathrm{mL}$

Buffer: PBS with 0.05\% sodium azide and 50\% glycerol, PH7.4
Purification Method: Affinity purification

Application: WB,IHC,ELISA
Dilution: WB 1:500-1:2000, IHC 1:25-1:100

Storage: Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles.

