

CD10 Monoclonal Antibody

Description

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|--------------------------------|--|
| Product type | Primary Antibody |
| Code | BT-MCA0269 |
| Host | Mouse |
| Isotype | IgG |
| Size | 50ul, 100ul |
| Immunogen | Purified recombinant fragment of CD10 expressed in E. Coli. |
| Mol wt | N/A |
| Species reactivity | Human |
| Clonality | Monoclonal |
| Recommended application | WB, IHC-p, IF, ELISA |
| Concentration | 1 mg/ml |
| Full name | Neprilysin |
| Synonyms | MME; EPN; Neprilysin; Atriopeptidase; Common acute lymphocytic leukemia antigen; CALLA; Enkephalinase; Neutral endopeptidase 24.11; NEP; Neutral endopeptidase; Skin fibroblast elastase; SFE; CD antigen CD10 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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

Recommended Dilution

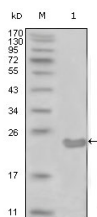
ELISA: 1:10000

IHC: 1:200 - 1:1000

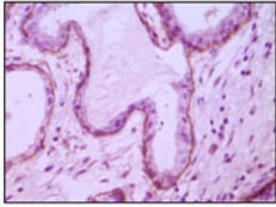
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using CD10 Monoclonal antibody against truncated CD10-His recombinant protein (1).



Immunohistochemistry analysis of paraffin-embedded human breast ductal myoepithelium, showing cytoplasmic and membrane location with DAB staining using CD10 Monoclonal antibody.

Storage

-20°C for one year

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