

CD10 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0270
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human CD10 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	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

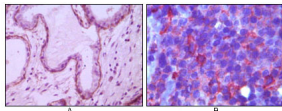
Recommended Dilution

ELISA: 1:10000

IHC: 1:200 - 1:1000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human breast ductal myoepithelium (A) and lymph tissue (B), showing cytoplasmic (A) and membrane (B) localization with DAB staining (A) and AEC staining (B) using CD10 Monoclonal antibody.

Storage

-20°C for one year