

CD10 (PN0557) Nb-FC recombinant antibody

CatalogNo: YA0389 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA, Flow Cyt

Recommended Dilution Ratios

ELISA 1:5000-100000

Flow Cyt 1-2µg/Test

Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Formulation Phosphate-buffered solution

Basic Information

Source Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Purification Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Clone Number PN0557

Immunogen Information

Immunogen Purified recombinant Human CD10

Specificity This recombinant monoclonal antibody can detect endogenous levels of CD10 protein.

Target Information

Gene name	MME EPN		
Protein Name	Nepriylsin (Atriopeptidase) (Common acute lymphocytic leukemia antigen) (CALLA) (Enkephalinase) (Neutral endopeptidase 24.11) (NEP) (Neutral endopeptidase) (Skin fibroblast elastase) (SFE) (CD antigen CD10)		
	Organism	Gene ID	UniProt ID
	Human	4311 ;	P08473 ;
Cellular Localization	Cell membrane; Single-pass type II membrane protein.		
Tissue specificity	Adrenal cortex,Brain,Kidney,Placenta		
Function	Catalytic activity:Preferential cleavage of polypeptides between hydrophobic residues, particularly with Phe or Tyr at P1'.cofactor:Binds 1 zinc ion per subunit.,Disease:Important cell surface marker in the diagnostic of human acute lymphocytic leukemia.,enzyme regulation:Inhibited in a dose dependent manner by opiorphin.,Thermolysin-like specificity, but is almost confined on acting on polypeptides of up to 30 amino acids. Biologically important in the destruction of opioid peptides such as Met- and Leu-enkephalins by cleavage of a Gly-Phe bond. Involved in the degradation of atrial natriuretic factor (ANF).,similarity:Belongs to the peptidase M13 family.,		

Validation Data

Contact information

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CD10 (PN0557) Nb-FC recombinant antibody

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