

## CD10 (PN0253) Nb-FC recombinant antibody

CatalogNo: YA0049 **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** PN0253

### Immunogen Information

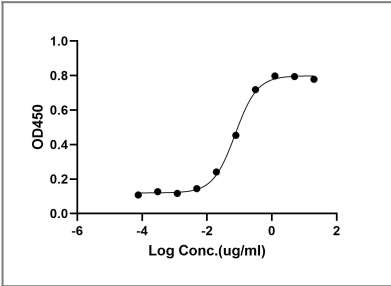
**Immunogen** Purified recombinant Human CD10

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

### Target Information

<b>Gene name</b>	MME EPN		
<b>Protein Name</b>	Nepriylsin (Atriopeptidase) (Common acute lymphocytic leukemia antigen) (CALLA) (Enkephalinase) (Neutral endopeptidase 24.11) (NEP) (Neutral endopeptidase) (Skin fibroblast elastase) (SFE) (CD antigen CD10)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">8872;</a>	<a href="#">P08473;</a>
<b>Cellular Localization</b>	Cell membrane; Single-pass type II membrane protein.		
<b>Tissue specificity</b>	Widely expressed. Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocytes with the highest expression in testis.		
<b>Function</b>	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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