

## CD10 (PN0316) Nb-FC recombinant antibody

CatalogNo: YA0021 **Recombinant** 

### Key Features

#### Reactivity

- Human

#### Applications

- ELISA

### Recommended Dilution Ratios

ELISA 1:5000-100000

### 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** PN0316

### Immunogen Information

**Immunogen** Purified recombinant Human CD10

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

### Target Information

<b>Gene name</b>	MME EPN		
<b>Protein Name</b>	Neprilysin		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">4311</a> ;	<a href="#">P08473</a> ;
<b>Cellular Localization</b>	Cell membrane; Single-pass type II membrane protein.		
<b>Tissue specificity</b>	Detected on umbilical vein endothelial cells (PubMed:162579). Detected in placenta (at protein level) (PubMed:169283). Detected on endothelial cells (PubMed:169283).		
<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

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
 Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
 Telephone: 877-594-3616 (Toll Free), 408-747-0185  
 Website: <http://www.immunoway.com>  
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**CD10 (PN0316) Nb-FC recombinant antibody**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)