

CD10 (PN0316) Nb-FC recombinant antibody

CatalogNo: YA0021 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA

Isotype

- IgG2a, Kappa

Storage

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

Recommended Dilution Ratios

ELISA 1:5000-100000

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

Gene name MME EPN

Protein Name Neprilysin

Organism	Gene ID	UniProt ID
Human	4311 ;	P08473 ;

Cellular Localization Cell membrane; Single-pass type II membrane protein.

Tissue specificity Detected on umbilical vein endothelial cells (PubMed:162579). Detected in placenta (at protein level) (PubMed:169283). Detected on endothelial cells (PubMed:169283).

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 (PN0316) Nb-FC recombinant antibody

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