

CD10 (PN0316) Nb-FC recombinant antibody

CatalogNo: YA0021 **Recombinant** 

Key Features

Reactivity

- Human

Isotype

- IgG2a, Kappa

Applications

- ELISA

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 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 (PN0316) Nb-FC recombinant antibody

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