

CD10 (PN0557) Nb-FC recombinant antibody

CatalogNo: YA0389 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA, Flow Cyt

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 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 | 921 ; | P08473 ; |
| Cellular Localization | Cell membrane; Single-pass type II membrane protein. | | |
| Tissue specificity | Lymphocyte,Pancreas,Tonsil | | |
| 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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Please scan the QR code to access additional product information:
CD10 (PN0557) Nb-FC recombinant antibody

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