

## CD26 (PN0466) Nb-FC recombinant antibody

CatalogNo: YA0028 **Recombinant** 

### Key Features

#### Reactivity

- Human

#### Applications

- ELISA,FC

### 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** PN0466

### Immunogen Information

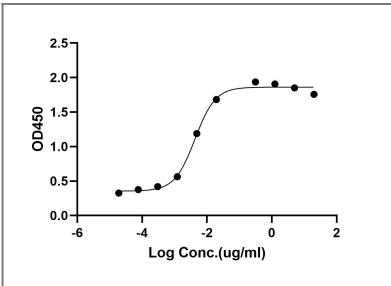
**Immunogen** Purified recombinant Human CD26

**Specificity** This recombinant monoclonal antibody can detects endogenous levels of CD26 protein.

### Target Information

Gene name	DPP4 ADCP2 CD26		
Protein Name	Dipeptidyl peptidase 4 (ADABP) (Adenosine deaminase complexing protein 2) (ADCP-2) (Dipeptidyl peptidase IV) (DPP IV) (T-cell activation antigen CD26) (TP103) (CD antigen CD26) [Cleaved into: Dipeptidyl peptidase 4 membrane form (Dipeptidyl peptidase IV membrane form); Dipeptidyl peptidase 4 soluble form (Dipeptidyl peptidase IV soluble form)]		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">3916</a> ;	<a href="#">P27487</a> ;
Cellular Localization	[Dipeptidyl peptidase 4 soluble form]: Secreted . Detected in the serum and the seminal fluid. . ; Cell membrane ; Single-pass type II membrane protein. Apical cell membrane ; Single-pass type II membrane protein. Cell projection, invadopodium membrane ; Single-pass type II membrane protein. Cell projection, lamellipodium membrane ; Single-pass type II membrane protein. Cell junction . Membrane raft . Translocated to the apical membrane through the concerted action of N- and O-Glycans and its association with lipid microdomains containing cholesterol and sphingolipids (PubMed:11773049). Redistributed to membrane rafts in T-cell in an interleukin-12-dependent activation (PubMed:12676959). Its interaction with CAV1 is necessary for its translocation to membrane rafts (PubMed:17287217). Colocalized with PTPRC in membrane rafts (PubMed:12676959). Colocalized with FAP in invadopodia and lamellipodia of migratory activated endothelial cells in collagenous matrix. Colocalized with FAP on endothelial cells of capillary-like microvessels but not large vessels within invasive breast ductal carcinoma (PubMed:16651416). Colocalized with ADA at the cell junction in lymphocyte-epithelial cell adhesion (PubMed:11772392). Colocalized with IGF2R in internalized cytoplasmic vesicles adjacent to the cell surface (PubMed:10900005). .		
Tissue specificity	Brain,Liver,Pancreas,Placenta,Plasma,Testis		
Function	Catalytic activity:Release of an N-terminal dipeptide, Xaa-Yaa-[Zaa-, from a polypeptide, preferentially when Yaa is Pro, provided Zaa is neither Pro nor hydroxyproline.,Removes N-terminal dipeptides sequentially from polypeptides having unsubstituted N-termini provided that the penultimate residue is proline. Plays a role in T-cell activation.,online information:Dipeptidyl peptidase-4 entry,PTM:The soluble form (SDPP) derives from the membrane form (MDPP) by proteolytic processing.,similarity:Belongs to the peptidase S9B family. DPPIV subfamily.,subunit:Homodimer or heterodimer with Seprase (FAP).,tissue specificity:Expressed in the poorly differentiated crypt cells of the small intestine as well as in the mature villous cells. Expressed at very low levels in the colon.,		

Validation Data



## | Contact information

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Please scan the QR code  
to access additional  
product information:  
**CD26 (PN0466) Nb-  
FC recombinant  
antibody**

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

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