

CD9 (PN0293) Nb-FC recombinant antibody

CatalogNo: YA0138 **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** PN0293

Immunogen Information

Immunogen Purified recombinant Human CD9**Specificity** This recombinant monoclonal antibody can detects endogenous levels of CD9 protein.

Target Information

Gene name	CD9 MIC3 TSPAN29 GIG2		
Protein Name	CD9 antigen (5H9 antigen) (Cell growth-inhibiting gene 2 protein) (Leukocyte antigen MIC3) (Motility-related protein) (MRP-1) (Tetraspanin-29) (Tspan-29) (p24) (CD antigen CD9)		
	Organism	Gene ID	UniProt ID
	Human	928;	P21926;
Cellular Localization	Cell membrane ; Multi-pass membrane protein . Membrane ; Multi-pass membrane protein . Secreted, extracellular exosome . Present at the cell surface of oocytes. Accumulates in the adhesion area between the sperm and egg following interaction between IZUMO1 and its receptor IZUMO1R/JUNO. .		
Tissue specificity	Detected in platelets (at protein level) (PubMed:1964571). Expressed by a variety of hematopoietic and epithelial cells (PubMed:1964571).		
Function	Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion.,PTM:Protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids.,similarity:Belongs to the tetraspanin (TM4SF) family.,subunit:Forms both disulfide-linked homodimers and higher homooligomers as well as heterooligomers with other members of the tetraspanin family. Associates with CR2/CD21 and with PTGFRN/CD9P1. Interacts directly with IGSF8.,tissue specificity:Expressed by a variety of hematopoietic and epithelial cells.,		

Validation Data

Contact information

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Please scan the QR code to access additional product information:
CD9 (PN0293) Nb-FC recombinant antibody

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