# CD142 (PN0277) Nb-FC recombinant antibody

CatalogNo: YA0103 Recombinant

## Key Features

Reactivity
- Human

Applications
- ELISA

## Recommended Dilution Ratios

**ELISA 1:5000-100000**

## Storage

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

## Basic Information

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|---|---|
| **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** | PN0277 |

## Immunogen Information

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|---|---|
| **Immunogen** | Purified recombinant Human CD142 |
| **Specificity** | This recombinant monoclonal antibody can detects endogenous levels of CD142 protein. |

## Target Information

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|---|---|
| **Gene name** | F3 |
| **Protein Name** | Tissue factor (TF) (Coagulation factor III) (Thromboplastin) (CD antigen CD142) |

| Organism | Gene ID | UniProt ID |
|---|---|---|
| Human | 2152; | P13726; |

| | |
|---|---|
| **Cellular Localization** | [Isoform 1]: Membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted . |
| **Tissue specificity** | Lung, placenta and pancreas. |
| **Function** | Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade. |

## Validation Data

## Contact information


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