

## CD74 (PN0331) Nb-FC recombinant antibody

CatalogNo: YA0222 **Recombinant** 

### Key Features

#### Reactivity

- Human

#### Applications

- ELISA,FC

### Recommended Dilution Ratios

ELISA 1:5000-100000

Flow Cyt 1-2µg/Test

### 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** PN0331

### Immunogen Information

**Immunogen** Purified recombinant Human CD74**Specificity** This recombinant monoclonal antibody can detects endogenous levels of CD74 protein.

## | Target Information

Gene name	CD74 DHLAG		
Protein Name	HLA class II histocompatibility antigen gamma chain (HLA-DR antigens-associated invariant chain) (Ia antigen-associated invariant chain) (Ii) (CD antigen CD74) [Cleaved into: Class-II-associated invariant chain peptide (CLIP)]		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">972</a> ;	<a href="#">P04233</a> ;
Cellular Localization	Cell membrane ; Single-pass type II membrane protein . Endoplasmic reticulum membrane. Golgi apparatus, trans-Golgi network. Endosome. Lysosome. Transits through a number of intracellular compartments in the endocytic pathway. It can either undergo proteolysis or reach the cell membrane.; [Isoform p41]: Late endosome . Lysosome .		
Tissue specificity	[Isoform p41]: In B cells, represents 1% of total CD74 expression. ; [Isoform p33]: In B cells, represents 7% of total CD74 expression.		
Function	Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to compartments where peptide loading of class II takes place.,similarity:Contains 1 thyroglobulin type-1 domain.,subunit:Nonamer composed of three alpha/beta/gamma heterotrimers.,		

## | Validation Data

## | Contact information

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**CD74 (PN0331) Nb-FC recombinant antibody**

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