HLA-DRA (PN0039) Nb-FC recombinant antibody

CatalogNo: YA0240 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	PN0039

Immunogen Information

Immunogen	Purified recombinant Human HLA-DRA
Specificity	This recombinant monoclonal antibody can detects endogenous levels of HLA-DRA protein.

Target Information

Gene name	HLA-DRA HLA-DRA1
Protein Name	HLA class II histocompatibility antigen, DR alpha chain (MHC class II antigen DRA)

Organism	Gene ID	UniProt ID
Human	80381;	P01903;

Cellular Localization	Cell membrane ; Single-pass type I membrane protein . Endoplasmic reticulum membrane ; Single-pass type I membrane protein . Early endosome membrane ; Single-pass type I membrane protein . Late endosome membrane ; Single-pass type I membrane protein . Lysosome membrane ; Single-pass type I membrane protein . Autolysosome membrane ; Single-pass type I membrane protein. The MHCII complex transits through a number of intracellular compartments in the endocytic pathway until it reaches the cell membrane for antigen presentation (PubMed:9075930, PubMed:18305173). Component of immunological synapses at the interface between T cell and APC (PubMed:15322540, PubMed:29884618). .
Tissue specificity	Ubiquitous but not detectable in peripheral blood lymphocytes or granulocytes. Weakly expressed in resting monocytes. Expressed in dendritic cells derived from monocytes. Expressed in epithelial cells of sinonasal tissue. Expressed in extravillous trophoblast cells and Hofbauer cells of the first trimester placenta and term placenta.
Function	Disease:Genetic variations in HLA-DRA are associated with susceptibility to hepatitis B virus infection (HBV infection) [MIM:610424]. Approximately one third of all cases of cirrhosis and half of all cases of hepatocellular carcinoma can be attributed to chronic HBV infection. HBV infection may result in subclinical or asymptomatic infection, acute self-limited hepatitis, or fulminant hepatitis requiring liver transplantation.,polymorphism:The following alleles of DRA are known: DRA*0101 and DRA*0102. The sequence shown is that of DRA*0101.,similarity:Belongs to the MHC class II family.,similarity:Contains 1 Ig-like C1-type (immunoglobulin-like) domain.,subunit:Heterodimer of an alpha chain and a beta chain.,

Validation Data

Contact information

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Please scan the QR code to access additional product information: **HLA-DRA (PN0039) Nb-FC recombinant antibody**