HLA-DR (DGR32914) Mouse mAb

db21803 **Package : 10μL 20μL 50μL 100μL**

Product Name : HLA-DR (DGR32914) Mouse mAb
Cat.No.: db21803
Synonyms : HLA-DRA1
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human
Host species : Mouse

Background	HLA-DRA is one of the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha and a beta chain, both anchored in the membrane. This molecule is expressed on the surface of various antigen presenting cells such as B lymphocytes, dendritic cells, and monocytes/macrophages, and plays a central role in the immune system and response by presenting peptides derived from extracellular proteins, in particular, pathogen-derived peptides to T cells. The alpha chain is approximately 33-35 kDa and its gene contains 5 exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, and exon 4 encodes the transmembrane domain and the cytoplasmic tail. DRA does not have polymorphisms in the peptide binding part and acts as the sole alpha chain for DRB1, DRB3, DRB4 and DRB5. [provided by RefSeq, Aug 2020]
Immunogen	Recombinant protein of human HLA-DR
Gene ID	3122
Swiss Prot	P01903
Synonyms	HLA-DRA1
Reactivity	Human
Application	WB, IHC-P, ICC/IF, FC
Recommended dilution	WB: 1:1000 IHC-P: 1:100-1:200 ICC/IF: 1:200-1:1000 FC: 1:5000-1:50000
Calculated MW	29 kDa
Observed MW	30-40 kDa
Host species	Mouse

Clonality	Monoclonal
Clonality No.	DGR32914
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.