

Recombinant

DGRmAb®

HLA-DR (DGR11990) Rabbit mAb

db15860

Package : 10µL 20µL 50µL 100µL

Product Name : HLA-DR (DGR11990) Rabbit mAb**Cat.No.:** db15860**Synonyms** : HLA-DRA1**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**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. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). 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, Jul 2008]

Immunogen

A synthetic peptide 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: 1:1000-1:5000

IHC-P: 1:100-1:1000

ICC/IF: 1:200-1:500

FC: 1:20-1:50

Calculated MW

29 kDa

Observed MW

30-40 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR11990
Isotype	IgG
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.