





## DRA Monoclonal Antibody

Catalog No         YP-mAb-07207           Isotype         IgG           Reactivity         Human;Rat;Mouse;           Applications         WB           Gene Name         HLA-DRA HLA-DRA1           Protein Name         HLA class II histocompatibility antigen, DR alpha chain (MHC class II antigen DRA)           Immunogen         Synthesized peptide derived from human protein . at AA range: 100-180           Specificity         DRA Monoclonal Antibody detects endogenous levels of protein.           Formulation         Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 15:00-1:2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band         27kD           Cell Pathway         Cell membrane; Single-pass type I membrane protein. Early endosome membrane; Single-pass type I membrane protein. Early endosome membrane; Single-pass type I membrane protein. Tate endosome membrane; Single-pass type I membrane protei		
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Synonyms  Observed Band  Z7kD  Cell Pathway  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. 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  Expressed in professional APCs: macrophages, dendritic cells and B cells (at protein level) (PubMed:31495665, PubMed:15322540, PubMed:23783831). Expressed in thymic epithelial cells (at protein level) (PubMed:23783831).  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 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	Concentration	1 mg/ml
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DR/ lg-li	A*0101 and DRA*0102. The sequence shown is that of A*0101.,similarity:Belongs to the MHC class II family.,similarity:Contains 1 ke C1-type (immunoglobulin-like) domain.,subunit:Heterodimer of an alpha in and a beta chain.,
mole in the pep- antique alphence and doe	A-DRA is one of the HLA class II alpha chain paralogues. This class II ecule is a heterodimer consisting of an alpha and a beta chain, both anchored ne membrane. It plays a central role in the immune system by presenting tides derived from extracellular proteins. Class II molecules are expressed in gen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The ha chain is approximately 33-35 kDa and its gene contains 5 exons. Exon 1 odes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and the cytoplasmic tail. DRA is not have polymorphisms in the peptide binding part and acts as the sole ha chain for DRB1, DRB3, DRB4 and DRB5. [provided by RefSeq, Jul 2008],
Avo	id repeated freezing and thawing!

## **Usage suggestions**

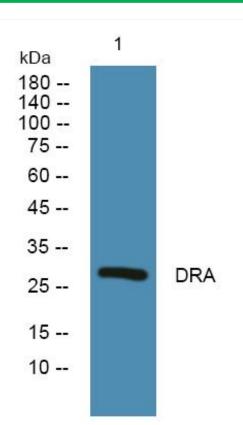
matters needing

attention

**Background** 

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using DRA Monoclonal Antibody