



Mouse Monoclonal Antibody **HLA-DR** conjugated to Sepharose Beads

CatalogNo: **ANT8228-S**

Size 200ul

Storage Store at 4 °C for frequent use

#### Description

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

**HLA-DR (ANT0077R) Rabbit mAb**

Formulation: 50% slurry in PBS pH 7.2 with 0.01mg NaN<sub>3</sub> preservative.

#### Host Species

- Rabbit
- Human, Mouse, Rat,

#### Reactivity

- WB, IHC, IF, IP, ELISA

#### Applications

#### MW

- 29kD (Calculated)
- 37kD (Observed)
- IgG, Kappa

#### Isotype

## Recommended Dilution Ratios

### IP

## Basic Information

Clonality

Monoclonal

Clone Number      ANT0077R

**Immunogen Information**

**Specificity**      Endogenous

**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	<a href="#">3122</a> ;	<a href="#">P01903</a> ;

**Cellular Localization**      Membrane

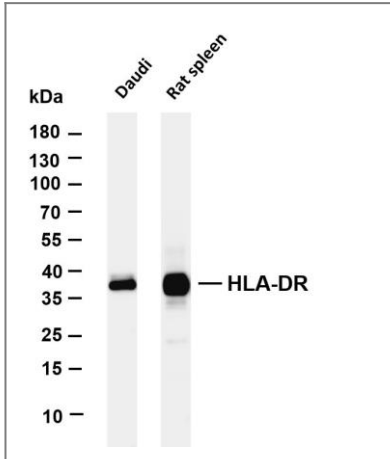
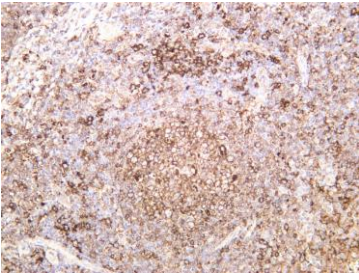
**Tissue specificity** Expressed in professional APCs: macrophages, dendritic cells and B cells (at protein level) (PubMed:31495665, PubMed:15322540, PubMed:23783831). Expressed in thymic epithelial cells (at protein level) (PubMed:23783831).

**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 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

Human tonsil was stained with anti-HLA-DR (ANT0077R) rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-HLA-DR (ANT0077R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Daudi Lane 2: Rat spleen  
Predicted band size: 29kDa Observed band size: 37kDa

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