



# **HLA-DRB1 Antibody (N-term) Blocking Peptide**

Synthetic peptide Catalog # BP6885a

## **Specification**

HLA-DRB1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P04229

HLA-DRB1 Antibody (N-term) Blocking Peptide - Additional Information

#### **Other Names**

HLA class II histocompatibility antigen, DRB1-1 beta chain, MHC class II antigen DRB1\*1, DR-1, DR1, HLA-DRB1

### **Target/Specificity**

The synthetic peptide sequence used to generate the antibody <a href=/products/AP6885a>AP6885a</a> was selected from the N-term region of human HLA-DRB1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

#### **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**HLA-DRB1** Antibody (N-term) Blocking Peptide - Protein Information

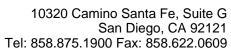
**HLA-DRB1 Antibody (N-term) Blocking Peptide - Protocols** 

# HLA-DRB1 Antibody (N-term) Blocking Peptide - Background

HLA-DRB1 belongs to the HLA class II beta chain paralogs. The class II molecule is a heterodimer consisting of an alpha (DRA) and a beta chain (DRB), 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 beta chain is approximately 26-28 kDa. It is encoded by 6 exons.

# HLA-DRB1 Antibody (N-term) Blocking Peptide - References

Miyagawa, T., et.al., J. Hum. Genet. (2009)





Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides