

HLA-DRB1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6885a**Specification**

HLA-DRB1 Antibody (N-term) Blocking Peptide - Product InformationPrimary 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 [AP6885a](/products/AP6885a) 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**

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

- [Blocking Peptides](#)

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