

**HLA-DOA Blocking Peptide (N-term)**  
**Synthetic peptide**  
**Catalog # BP20332a****Specification**

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**HLA-DOA Blocking Peptide (N-term) - Product Information**Primary Accession [P06340](#)**HLA-DOA Blocking Peptide (N-term) - Additional Information****Gene ID** 3111**Other Names**

HLA class II histocompatibility antigen, DO alpha chain, MHC DN-alpha, MHC DZ alpha, MHC class II antigen DOA, HLA-DOA, HLA-DNA, HLA-DZA

**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-DOA Blocking Peptide (N-term) - Protein Information****Name** HLA-DOA**Synonyms** HLA-DNA, HLA-DZA**Function**

Important modulator in the HLA class II restricted antigen presentation pathway by interaction with the HLA-DM molecule in B- cells. Modifies peptide exchange activity of HLA-DM.

**Cellular Location**

Endosome membrane; Single-pass type I membrane protein. Lysosome membrane; Single-pass type I membrane protein Note=Complexes with HLA-DM molecule during intracellular transport and in endosomal/lysosomal compartments. Heterotetramerization is necessary to exit the ER

**HLA-DOA Blocking Peptide (N-term) - Protocols**

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

- [Blocking Peptides](#)

**HLA-DOA Blocking Peptide (N-term) - Images****HLA-DOA Blocking Peptide (N-term) - Background**

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