

HLA-DOB Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51778**Specification**

HLA-DOB Antibody - Product Information

Application	WB, E
Primary Accession	P13765
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	31 KDa

HLA-DOB Antibody - Additional Information**Gene ID** 3112**Other Names**

HLA class II histocompatibility antigen, DO beta chain, MHC class II antigen DOB, HLA-DOB

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

HLA-DOB Antibody - Protein Information**Name** HLA-DOB**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-DOB Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HLA-DOB Antibody - Images

HLA-DOB Antibody - Background

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.

HLA-DOB Antibody - References

Tonnelle C.,et al.EMBO J. 4:2839-2847(1985).
Jonsson A.-K.,et al.Immunogenetics 29:411-413(1989).
Beck S.,et al.J. Mol. Biol. 228:433-441(1992).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Mungall A.J.,et al.Nature 425:805-811(2003).