

# HLA-DO $\beta$ Polyclonal Antibody

Catalog # AP70361

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P13765</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	30822

## Additional Information

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<b>Gene ID</b>	3112
<b>Other Names</b>	HLA-DOB; HLA class II histocompatibility antigen; DO beta chain; MHC class II antigen DOB
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	HLA-DOB
<b>Function</b>	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.
<b>Cellular Location</b>	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

## Background

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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.

## Images

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Western Blot analysis of various cells using HLA-DO $\beta$   
Polyclonal Antibody diluted at 1 : 1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.