

## Product Datasheet

### HLA-DPB1 Antibody (Center) (orb1936361)

<b>Catalog Number</b>	orb1936361
<b>Category</b>	Antibodies
<b>Description</b>	HLA-DPB1 Antibody (Center)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>UniProt ID</b>	<b>P04440</b>
<b>MW</b>	29159 Da
<b>Tested applications</b>	FC, IHC-P, WB
<b>Dilution range</b>	IHC-P-Leica - 1:500, FC - 1:25, WB - 1:1000
<b>Specificity</b>	This HLA-DPB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 77-105 amino acids from the Central region of human HLA-DPB1.
<b>Antibody Type</b>	Primary Antibody

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

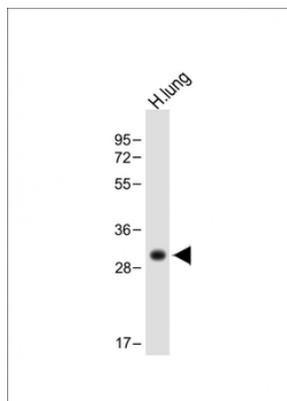
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Storage**

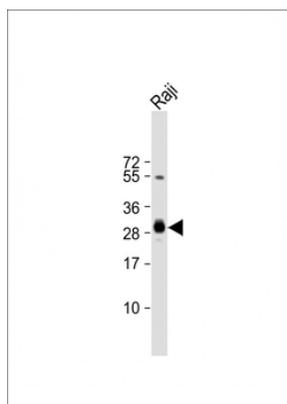
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

**Note**

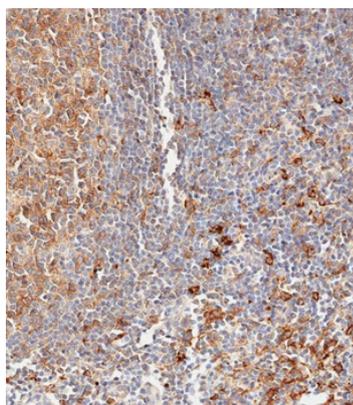
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Anti-HLA-DPB1 Antibody (Center) at 1:1000 dilution + Human lung lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 30 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-HLA-DPB1 Antibody (Center) at 1:4000 dilution + Raji whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 29 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of paraffin-embedded human lymph node tissue performed on the Leica BOND RXm. Samples were incubated with primary antibody (1/500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary Antibody.

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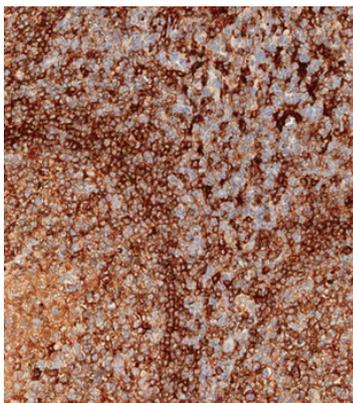
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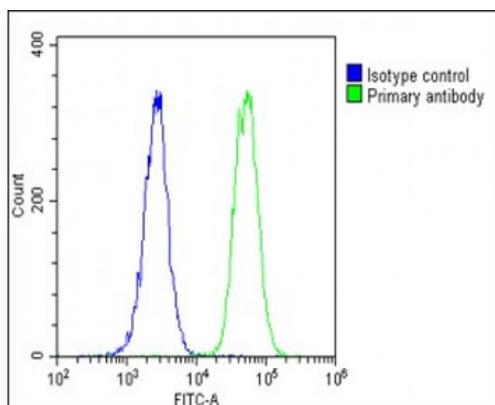
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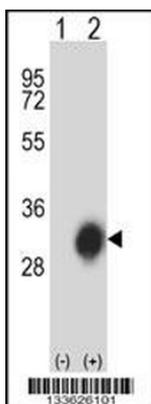
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Immunohistochemical analysis of paraffin-embedded human tonsil tissue performed on the Leica BOND RXm. Samples were incubated with primary antibody (1/500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary Antibody.



Overlay histogram showing U-2 OS cells (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed (1583138) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of > 10000 events was performed.



Western blot analysis of HLA-DPB1 (arrow) using rabbit polyclonal HLA-DPB1 Antibody (Center). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HLA-DPB1 gene.

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