

## Product Datasheet

### HLA-DPB1, HLA-DQA1 Antibody (orb1252224)

<b>Catalog Number</b>	orb1252224
<b>Category</b>	Antibodies
<b>Description</b>	HLA-DPB1, HLA-DQA1 Antibody
<b>Target</b>	HLA-DPB1, HLA-DQA1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1, kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	0.2 mg/mL
<b>Buffer/Preservatives</b>	PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide
<b>Purification</b>	Protein G affinity chromatography
<b>Immunogen</b>	Human tonsil cells were used as the immunogen for the HLA-DP/DQ/DR antibody.
<b>UniProt ID</b>	<b>P01908, P01909, P01903, P04440, P01920</b>
<b>Tested applications</b>	IF, IHC-P, WB
<b>Application notes</b>	WB: 1-2 µg/mL Immunofluorescence: 0.5-1 µg/mL Immunohistochemistry (FFPE): 1-2 µg/mL for 30 min at RT Optimal dilution of the HLA-DP/DQ/DR antibody should be determined by the researcher.

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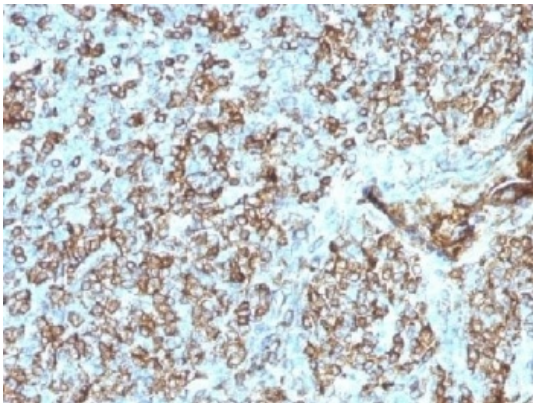
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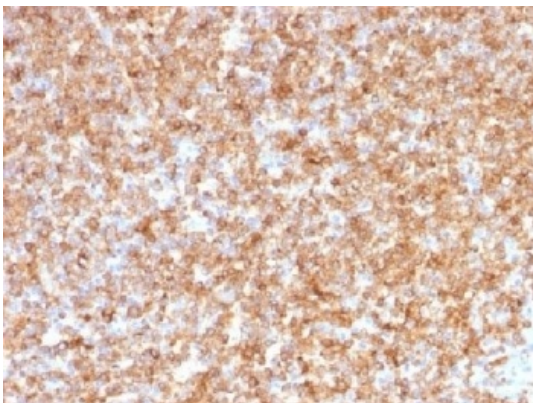
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<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	CR3/43
<b>Modifications</b>	None
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



IHC testing of FFPE human tonsil tissue with HLA-DP/DQ/DR antibody (clone CR3/43). Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min.



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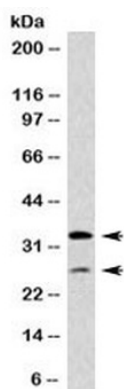
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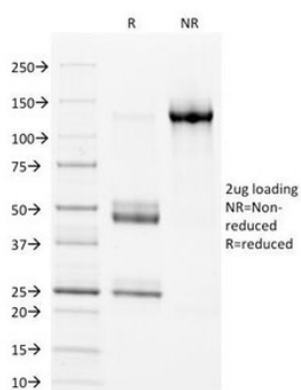
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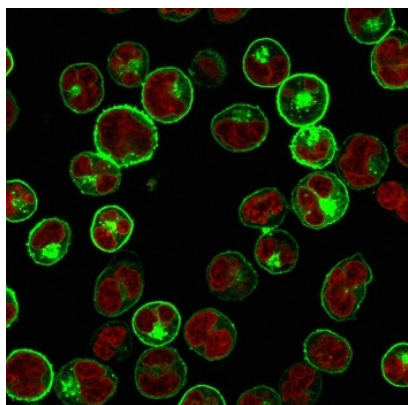
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Western blot testing of human Raji cell lysate with HLA-DP/DQ/DR antibody (clone CR3/43). Expected molecular weight ~36 kDa (alpha chain) and ~27 kDa (beta chain).



SDS-PAGE Analysis of Purified, BSA-Free HLA-DP/DQ/DR Antibody (clone CR3/43). Confirmation of Integrity and Purity of the Antibody.



IF/ICC staining of human Raji cells with HLA-DP/DQ/DR antibody (green) and Reddot nuclear stain (red).

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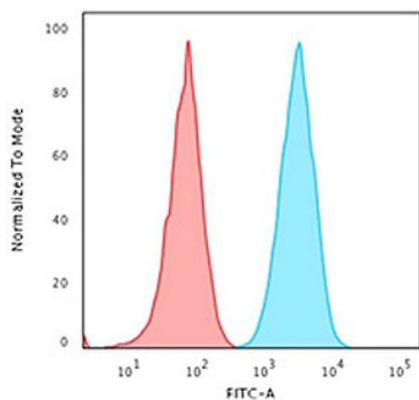
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Flow cytometry testing of human Raji cells with HLA-DP/DQ/DR antibody at 1 ug/10<sup>6</sup> cells (blocked with goat sera); Red = isotype control, Blue = HLA-DP/DQ/DR antibody.

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