

## Product Datasheet

### HLA-DQA1 Antibody (N-term) (orb1939545)

<b>Catalog Number</b>	orb1939545
<b>Category</b>	Antibodies
<b>Description</b>	Affinity Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	HLA-DQA1
<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>Immunogen</b>	This HLA-DQA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-66 amino acids from the N-terminal region of human HLA-DQA1. Antigen Region: 39-66 aa.
<b>UniProt ID</b>	<b>P01909</b>
<b>MW</b>	27805 Da
<b>Tested applications</b>	FC, WB
<b>Dilution range</b>	WB - 1:1000, FC - 1:10-50
<b>Antibody Type</b>	Primary Antibody

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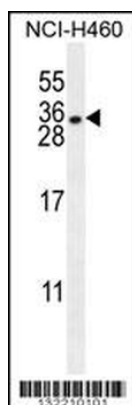
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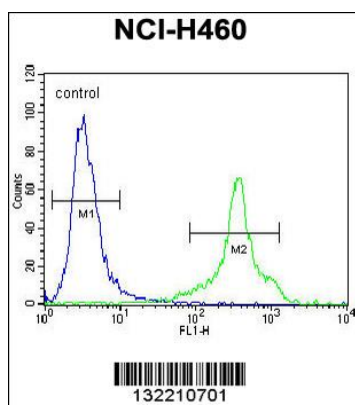
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<b>Clone Number</b>	BTD54432
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>Note</b>	For research use only
<b>NCBI</b>	<b>NP_002113.2</b>
<b>Expiration Date</b>	12 months from date of receipt.



Anti-HLA-DQA1 Antibody (N-term) at 1:1000 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: 28 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



HLA-DQA1 Antibody (N-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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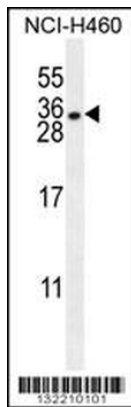
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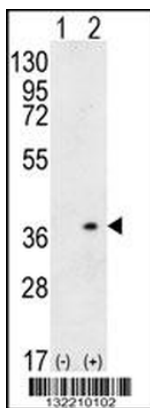
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HLA-DQA1 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35 ug/lane). This demonstrates the HLA-DQA1 antibody detected the HLA-DQA1 protein (arrow).



Western blot analysis of HLA-DQA1 (arrow) using rabbit polyclonal HLA-DQA1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HLA-DQA1 gene.

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