

## Product datasheet

# Anti-HLA-DQ antibody [B-K27] ab47341

1 Image

### Overview

<b>Product name</b>	Anti-HLA-DQ antibody [B-K27]
<b>Description</b>	Mouse monoclonal [B-K27] to HLA-DQ
<b>Specificity</b>	ab47341 recognises both a 28 and 33 kDa complex.
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human HLA-DQ.
<b>Positive control</b>	Human lymphocytes

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.1% Sodium Azide Constituents: 1% BSA, PBS
<b>Purity</b>	Ion Exchange Chromatography
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	B-K27
<b>Myeloma</b>	x63-Ag8.653
<b>Isotype</b>	IgG2a

### Applications

Our [Abpromise guarantee](#) covers the use of **ab47341** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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Flow Cyt

Application	Abreviews	Notes
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IP

#### Application notes

Flow Cyt: Use 10 µl for 10<sup>6</sup> cells or 100 µl whole blood.  
 IP: Use at an assay dependent dilution.

Not yet tested in other applications.  
 Optimal dilutions/concentrations should be determined by the end user.

#### Target

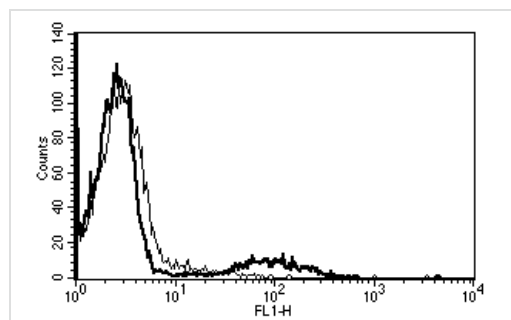
#### Relevance

Human Leukocyte Antigens are highly polymorphic proteins that are involved in the presentation of antigens to the T-cell receptor. There are two classes of HLA antigens: class I (HLA A, HLA B and HLA C) and class II (HLA D).

#### Cellular localization

Type I membrane protein

#### Images



Typical staining pattern with ab47341.

Flow Cytometry - Anti-HLA-DQ antibody [B-K27]  
 (ab47341)

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