

## Product datasheet

# Anti-HLA-DQ antibody [B-K27] - BSA and Azide free ab47342

### Overview

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<b>Product name</b>	Anti-HLA-DQ antibody [B-K27] - BSA and Azide free
<b>Description</b>	Mouse monoclonal [B-K27] to HLA-DQ - BSA and Azide free
<b>Host species</b>	Mouse
<b>Specificity</b>	ab47342 recognises both a 28 kDa and 33 kDa complex
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human HLA-DQ. T4+ CTL clone HG-38
<b>Positive control</b>	Human lymphocytes
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<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>	pH: 7.30 Constituent: 100% PBS
<b>Carrier free</b>	Sterile-filtered through 0.22 µm. Carrier and preservative free Yes
<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
<b>Light chain type</b>	kappa

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab47342 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
Flow Cyt		Use at an assay dependent concentration. <a href="#">ab170191</a> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

## 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

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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