

# FITC Anti-HLA B27 antibody [HLA-ABC-m3] ab23840

## 5 References

### Overview

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<b>Product name</b>	FITC Anti-HLA B27 antibody [HLA-ABC-m3]
<b>Description</b>	FITC Mouse monoclonal [HLA-ABC-m3] to HLA B27
<b>Host species</b>	Mouse
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length protein corresponding to Human HLA B27.
<b>General notes</b>	

ab23840 reacts with the peripheral blood lymphocytes of 47/47 individuals conventionally typed as HLA B27 + and precipitates cell surface molecules of 43 and 12 kD, corresponding to the HLA Class 1 heavy chain and beta 2 microglobulin.

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.

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&As

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.09% Sodium azide Constituents: PBS, 0.2% BSA
<b>Purification notes</b>	ab23840 is a purified IgG prepared by ion exchange chromatography.
<b>Primary antibody notes</b>	ab23840 reacts with the peripheral blood lymphocytes of 47/47 individuals conventionally typed as HLA B27 + and precipitates cell surface molecules of 43 and 12 kD, corresponding to the HLA Class 1 heavy chain and beta 2 microglobulin.

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	HLA-ABC-m3
<b>Isotype</b>	IgG2a

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab23840 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. <b>ab91362</b> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

## Target

**Relevance** Involved in the presentation of foreign antigens to the immune system. HLA B belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta 2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. They are expressed in nearly all cells.

**Cellular localization** Single-pass type 1 membrane protein

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

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