**Product datasheet**

**Anti-HLA B27 antibody [HLA-ABC-m3] (FITC) ab23840**

**Overview**

**Product name**  
Anti-HLA B27 antibody [HLA-ABC-m3] (FITC)

**Description**  
Mouse monoclonal [HLA-ABC-m3] to HLA B27 (FITC)

**Host species**  
Mouse

**Conjugation**  
FITC. Ex: 493nm, Em: 528nm

**Tested applications**  
Suitable for: Flow Cyt, ICC/IF

**Species reactivity**  
Reacts with: Human

**Immunogen**  
Immune complex precipitated from HLA B27 positive cell line (Bordin) by anti HLA-antibody and Staphylococcal Protein A.

**General notes**  
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.

**Properties**

**Form**  
Liquid

**Storage instructions**  
Shipped at 4°C. Store at +4°C.

**Storage buffer**  
Preservative: 0.09% Sodium Azide  
Constituents: 0.2% BSA, PBS, pH 7.4

**Purification notes**  
ab23840 is a purified IgG prepared by ion exchange chromatography.

**Primary antibody notes**  
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.

**Clonality**  
Monoclonal

**Clone number**  
HLA-ABC-m3

**Isotype**  
IgG2a

**Applications**

Our Abpromise guarantee covers the use of ab23840 in the following tested applications.
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

Target

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

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