

Datasheet for ABIN304843
anti-HLA-B27 antibody (FITC)



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Overview

Quantity:	1 mL
Target:	HLA-B27
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HLA-B27 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Immune complex precipitated from HLA-B27 positive cell line (Bordin) by anti HLA-antibody and Staphylococcal Protein A. Type of Immunogen: Cells
Clone:	HLA-ABC-m3
Isotype:	IgG2a
Specificity:	Recognizes the HLA-B27 alloantigen. 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. Affinity studies by Scatchard analysis showed that this has a higher affinity for HLA-B27 ($9.7 \times 10^8 \text{ M}^{-1}$) than for HLA B7 ($9.5 \times 10^7 \text{ M}^{-1}$). Subjects Expected Fluorescence Intensity Heterozygous HLA-B27+ Strong Homozygous HLA-B27+ Strong Heterozygous HLA-B7+ Faint Non B27, Non B7 Negative.

Product Details

Purification: Ion exchange chromatography

Target Details

Target: HLA-B27

Alternative Name: HLA-B27 ([HLA-B27 Products](#))

Pathways: [Human Leukocyte Antigen \(HLA\) in Adaptive Immune Response](#)

Application Details

Application Notes: Approved: Flo (1:1)

Usage: Flow Cytometry: Use 10 µL of the suggested working dilution to label 10⁶ cells or 100 µL of whole blood. Method sheets are available on request. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.09 % sodium azide, 0.2 % BSA.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: 4°C, avoid freezing.