

Datasheet for ABIN1177256

**anti-HLA-ABC antibody**[Go to Product page](#)**1** Image**4** Publications

## Overview

Quantity:	0.5 mg
Target:	HLA-ABC
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Blocking Reagent (BR)

## Product Details

Brand:	BD Pharmingen™
Immunogen:	Polyclonal Human NK Cell Line
Clone:	DX17
Isotype:	IgG1 kappa
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin level is ≤ 0.01 EU/µg (≤ 0.001 ng/µg) of protein as determined by the LAL assay.

## Target Details

Target:	HLA-ABC
Alternative Name:	HLA-A/B/C ( <a href="#">HLA-ABC Products</a> )

## Target Details

**Background:** The DX17 monoclonal antibody reacts with a monomorphic epitope expressed on all HLA (human leukocyte antigen) class I molecules examined. DX17 immunoprecipitates HLA class I heavy chains (45 kDa) and beta2-microglobulin (12kDa) from radiolabeled human cell lines. HLA is determined by a complex segment of the short arm of chromosome 6 and there are many human HLAs encoded in this segment. The antigenic agglomerate is called MHC, for major histocompatibility complex. Examples of class I loci are HLA-A, -B, and -C, which are serologically assayed, class II loci, e.g., HLA-D/DR and DC1, are tested by lymphocytotoxic methods.

**Pathways:** [TCR Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Cancer Immune Checkpoints](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1.0 mg/mL

**Buffer:** No azide/low endotoxin: Aqueous buffered solution containing no preservative, 0.2µm sterile filtered.

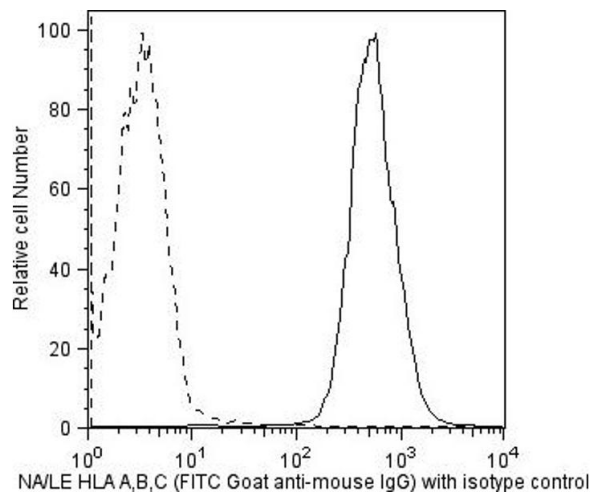
**Preservative:** Azide free

**Storage:** 4 °C

**Storage Comment:** Store undiluted at 4°C. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

## Publications

**Product cited in:** Kitamura, Tange, Terasawa, Chiba, Kuwaki, Miyagawa, Piao, Miyazono, Urabe, Takaku: "Establishment and characterization of a unique human cell line that proliferates dependently on GM-CSF, IL-3, or erythropoietin." in: **Journal of cellular physiology**, Vol. 140, Issue 2, pp. 323-34, (1989) ([PubMed](#)).



Flow Cytometry

Image 1.