

Datasheet for ABIN6939617
anti-HLA-ABC antibody[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	HLA-ABC
Reactivity:	Human, Mouse, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	Human peripheral blood leukocytes
Clone:	246-B8-E7
Isotype:	IgG2a kappa
Specificity:	Reacts with a monomorphic determinant of human major histocompatibility (MHC) class I antigens (HLA-A, B and C). Human MHC class I antigens are expressed constitutively on all nucleated cells lymphocytes such as lymphocytes, thymocytes, granulocytes, and bone marrow cells and are absent on erythrocytes. MHC class I antigens play a role in class I MHC-associated antigen presentation, inhibition of NK cell cytotoxicity, tumor surveillance, and tissue allotransplantation.
Purification:	Purified by Protein A/G

Target Details

Target:	HLA-ABC
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Target Details

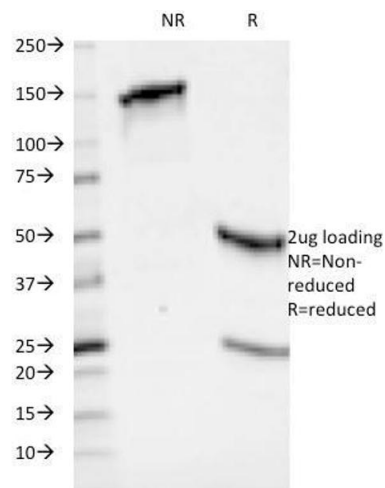
Alternative Name:	HLA-A, HLA-B, HLA-C (HLA-ABC Products)
Molecular Weight:	~41kDa
Gene ID:	3105, 3106, 3107
UniProt:	P01889 , P30443 , P30499
Pathways:	TCR Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cancer Immune Checkpoints

Application Details

Application Notes:	Positive Control: THP-1 and Jurkat cells. Tonsil or lymph node. Known Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
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, -80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified HLA-ABC Mouse Monoclonal Antibody (246-B8.E7). Confirmation of Integrity and Purity of Antibody.