

HLA-ABC Antibody (MHC I) [clone 246-B8.E7] (V2569)

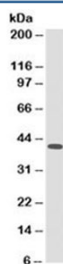
Catalog No.	Formulation	Size
V2569-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2569-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2569SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug



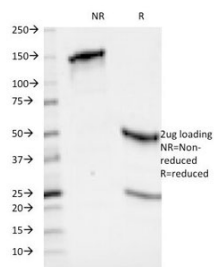
Citations (1)

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	246-B8.E7
Purity	Protein G affinity chromatography
UniProt	P30443, P01889, P30499
Localization	Cell surface
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-2ug/10 ⁶ cells Immunofluorescence : 1-2ug/ml
Limitations	This HLA-ABC antibody is available for research use only.



Western blot testing of ThP-1 cell lysate with HLA-ABC antibody. Expected molecular weight of A/B/C: 40-41 kDa.



SDS-PAGE Analysis of Purified, BSA-Free HLA-ABC Antibody (clone 246-B8.E7).
Confirmation of Integrity and Purity of the Antibody.

Description

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.

Application Notes

Optimal dilution of the HLA-ABC antibody should be determined by the researcher.

Immunogen

Human peripheral blood leukocytes were used as the immunogen for the HLA-ABC antibody.

Storage

Store the HLA-ABC antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).