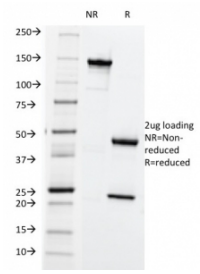
HLA-ABC Antibody (MHC I) [clone SPM419] (V8847)

Catalog No.	Formulation	Size
V8847-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8847-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8847SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	SPM419
Purity	Protein A/G affinity
UniProt	P01889; P30443; P30499
Localization	Cell surface
Applications	Flow cytometry: 1-2ug/million cells Western blot: 1-2ug/ml
Limitations	This HLA-ABC antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free HLA-ABC antibody (clone SPM419) as confirmation of integrity and purity.

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.

For additional information on HLA class I biology and complementary antibody validation, visit our HLA-ABC Antibody MHC-I/8147R / MHC Class I Antibody page.

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

Aliquot the HLA-ABC antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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