

36-2473: Anti-HLA-ABC (MHC I) Monoclonal Antibody(Clone: SPM419)

Clonality :	Monoclonal
Clone Name :	SPM419
Application :	FACS,IF
Reactivity :	Human, Mouse
Gene :	HLA-A; HLA-B; HLA-C
Gene ID :	3105; 3106; 3107
Uniprot ID :	P01889; P30443; P30499
Alternative Name :	HLA-A; HLA-B; HLA-C; HLA class 1A; HLA class 1B; HLA class 1C; Major histocompatibility complex, class I, A + B + C; MHC class I HLA-A; MHC class I HLA-B; MHC class I HLA-C; MHC HLA-ABC
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	Human peripheral blood leukocytes

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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	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.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

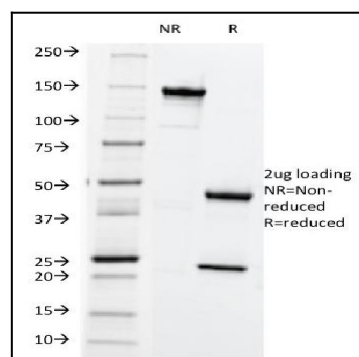


Fig. 1: SDS-PAGE Analysis Purified HLA-ABC Mouse Monoclonal Antibody (SPM419). Confirmation of Purity and Integrity of Antibody.