Catalog # 3105-MSM1X
Product Datasheet

HLA-ABC (MHC I) Antibody

Mouse Monoclonal Antibody [Clone SPM419]

Catalog No	Format	Size
3105-MSM1X-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3105-MSM1X-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3105-MSM1X-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

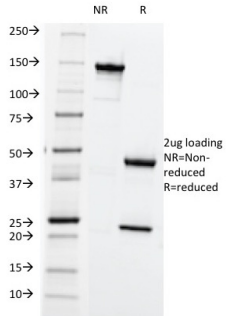
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

Clone	SPM419
Gene Name	HLA-B
Immunogen	Human peripheral blood leukocytes
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	~41kDa
Cellular Localization	Cell membrane, Endoplasmic reticulum membrane
Species Reactivity	Human, Mouse, Non-Human primates
Positive Control	THP-1 and Jurkat cells. Tonsil or lymph node.

**Optimal dilution for a specific application should be determined.*

Product Images for HLA-ABC (MHC I) Antibody



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

Specificity & Comments

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.

Supplied As

200ug/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 and Stability

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.

Research Areas

Immunology, Infectious Disease

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.