

Mouse Monoclonal Anti-HLA-ABC (MHC I) [Clone 246-B8.E7]

NB-36-00274-P0 (20 ug)

NB-36-00274-P1 (100 ug)

NB-36-00274-P2 (200 ug)

NB-36-00274-P1ABX (100 ug)

NB-36-00274-P2ABX (200 ug)

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 Informations

Human Entrez Gene ID	3105; 3106; 3107
Human SwissProt	P01889; P30443; P30499
Human Unigene	181244; 654404; 77961
Human Gene Symbol	HLA-A; HLA-B; HLA-C
Human Chromosome Location	6q21.3
Synonyms	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
Immunogen	Human peripheral blood leukocytes
Host / Ig Isotype	Mouse / IgG2a, kappa

Mol. Weight of Antigen	~41kDa
Cellular Localization	Cell surface
Species Reactivity	Human, Mouse and non-human primates. Others not known.
Positive Control	THP-1 and Jurkat cells. Tonsil or lymph node.
Known Applications and Suggested Dilutions	Flow Cytometry (0.5-1ug/million cells in 0.1ml) Immunofluorescence (0.5-1ug/ml) Optimal dilution for a specific application should be determined.
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.
Limitations	This antibody is available for research use only and is not approved for use in diagnosis.
Warranty	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.

For reference only

For Research Use Only. Not for Diagnostic or Therapeutic Use.