

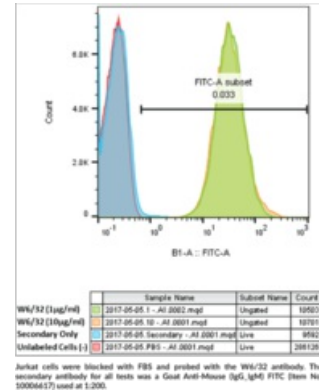


MHC Class I Monoclonal Antibody (Clone W6/32)

Cat No: 20898 - 100 µg

General Data

Shipping:	dry ice
Formulation:	100 µg of protein G purified IgG
Host:	Mouse
Antigen:	Cell membranes of human tonsil lymphocytes
Clone:	W6/32
Isotype:	IgG2



Application(s): FC and IP

Product Overview

Major histocompatibility complex (MHC) molecules, also designated human leukocyte antigen (HLA) molecules, are cell-surface receptors that bind foreign peptides and present them to T lymphocytes. MHC class I molecules consist of two polypeptide chains, an α or heavy chain, and β 2-microglobulin, a non-covalently associated protein. Cytotoxic T lymphocytes bind antigenic peptides presented by MHC class I molecules. Antigens that bind to MHC class I molecules are typically 8-10 residues in length and are stabilized in a peptide binding groove. HLA-class I MHC antigens are intrinsic membrane glycoproteins expressed on nucleated cells and non-covalently associated with an invariant β 2-microglobulin. They carry foreign determinants important for immune recognition by cytotoxic T cells and are thus important for antiviral and antitumor defense. Human HLA-class I antigens are represented by HLA-A, HLA-B, and HLA-C molecules

FP/05/24

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