Monoclonal Antibody to HLA-Class I
Low Endotoxin (0.1 mg)

Clone: W6/32
Isotype: Mouse IgG2a
Specificity: The antibody W6/32 recognises MHC Class I molecules (MHC Class Ia) that are expressed on the surface of all human nucleated cell types. The antibody W6/32 is a valuable reagent for analysing variations in HLA class I expression in different disease states e.g. liver disease, muscular dystrophy, inflammatory myopathy and other neuromuscular disorders. This antibody W6/32 is also suitable as a positive control for HLA tissue typing and crossmatching.

Regulatory Status: RUO
Immunogen: Membrane of human tonsil cells
Species Reactivity: Human, Non-Human Primates, Bovine, Feline (Cat)
Negative Species: Rabbit
Application: Flow Cytometry
Immunoprecipitation
Western Blotting
Application note: Non-reducing conditions.
Immunohistochemistry (frozen sections)
Immunocytochemistry
ELISA
Mass Cytometry
Functional Application
The antibody W6/32 is suitable as a positive control for HLA tissue typing.
Purity: > 95% (by SDS-PAGE)
Purification: Purified by protein-A affinity chromatography
Concentration: 1 mg/ml
Storage Buffer: Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 µm filter sterilized. Endotoxin level is less than 0.01 EU/µg of the protein, as determined by the LAL test.
Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration: See vial label
Lot Number: See vial label
Background: HLA-class I major histocompatibility (MHC) antigens are intrinsic membrane glycoproteins expressed on nucleated cells and noncovalently associated with an invariant beta2 microglobulin. They carry foreign determinants important for immune recognition by cytotoxic T cells, thus important for anti-viral and anti-tumour defence. Human HLA-class I antigens are represented by HLA-A, HLA-B and HLA-C molecules.
References:


*And many other.