EXBIO Antibodies

PRODUCT DATA SHEET

10-422-C025

Monoclonal Antibody to HLA-Class I Azide Free (0.025 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.
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 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
Concentration:	1 mg/ml
Storage Buffer:	Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 µm filter sterilized.
Storage / Stability:	Store at 2-8°C. Do not use after expiration date stamped on vial label. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.
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.

For laboratory research only, not for drug, diagnostic or other use.

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*And many other.