

1F-422-C100

Monoclonal Antibody to HLA-Class I Fluorescein (FITC) conjugated (0.1 mg)

Clone:	W6/32
Isotype:	Mouse IgG2a
Specificity:	<p>The antibody W6/32 recognises MHC Class I molecules (MHC Class Ia) that are expressed on the surface of all human nucleated cell types.</p> <p>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.</p> <p>This antibody W6/32 is also suitable as a positive control for HLA tissue typing and crossmatching.</p>
Regulatory Status:	RUO
Immunogen:	Membrane of human tonsil cells
Species Reactivity:	Human, Non-Human Primates, Bovine, Feline (Cat)
Negative Species:	Rabbit
Preparation:	The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC.
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.
Usage:	<p>The reagent is designed for Flow Cytometry analysis.</p> <p>Suggested working dilution is 1:300. Indicated dilution is recommended starting point for use of this product. Working concentrations should be determined by the investigator.</p>
Expiration:	See vial label
Lot Number:	See vial label
Background:	<p>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.</p>

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

**Antibodies****References:**

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- *And many other.

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EXBIO Praha | Nad Safinou II 341 | 252 50 Vestec u Prahy | Czech Republic
Tel: +420 261 090 666 | Fax: +420 261 090 660 | orders@exbio.cz | www.exbio.cz