MHC Class I monoclonal antibody (W6/32) (R-PE conjugate)

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.

This antibody is covered by our Worry-Free Guarantee.

Citations: 15 View Online »

Ordering Information Order Online »

ALX-805-711R-C100	R-PE - 100µg

Manuals, SDS & CofA View Online »

Handling & Storage

Handling	Do not freeze. Protect from light.
Short Term Storage	+4°C
Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	HLA Class I
Application	Flow Cytometry
Clone	W6/32
Crossreactivity	Does not cross-react with rabbit MHC class I.
Formulation	Liquid. In PBS, pH 7.4, containing 15mM sodium azide.
Host	Mouse
Immunogen	Membrane of human tonsil cells.
Isotype	IgG2a
Purity Detail	Protein G-affinity purified. The purified antibody is conjugated with R-Phycoerythrin (PE). The conjugate is purified by size-exclusion chromatography.
Recommendation Dilutions/Conditions	Flow Cytometry (1:50)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Bovine, Cat, Human, Monkey
Specificity	Recognizes virtually all nucleated human cells. Suitable as positive control for HLA tissue typing and crossmatching.

Worry-free Guarantee

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