HLA-Class I monoclonal antibody, clone W6/32 (FITC)

Catalog # MAB5083 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native HLA-Class I.
Immunogen	Native purified HLA-Class I from membrane of human tonsil cells.
Host	Mouse
Reactivity	Bovine, Cat, Human, Primates
Specificity	This antibody recognizes MHC Class I molecules (MHC Class Ia) that are expressed on the surface of all human nucleated cell types. This antibody is also suitable as a positive control for HLA tissue ty ping and crossmatching.
Form	Liquid
Conjugation	FITC
Concentration	1 mg/mL
Isotype	IgG2a
Recommend Usage	Flow Cytometry (1:300) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

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Publication Reference

- Expression of HLA-G in human cornea, an immune-privileged tissue.

  Le Discorde M, Moreau P, Sabatier P, Legeais JM, Carosella ED.

  Human Immunology 2003 Nov; 64(11):1039.

- The epitope recognized by pan-HLA class I-reactive monoclonal antibody W6/32 and its relationship to unusual stability of the HLA-B27/beta2-microglobulin complex.

  Tran TM, Ivanyi P, Hilgert I, Brdicka T, Pla M, Breur B, Flieger M, Ivaskova E, Horejsi V.

  Immunogenetics 2001 Aug; 53(6):440.

- Residue 3 of beta2-microglobulin affects binding of class I MHC molecules by the W6/32 antibody.

  J J Ladasky, B P Shum, F Canavez, H N Seuanez, P Parham.

  Immunogenetics 1999 Apr; 49(4):312.

  Application: Flow Cyt, Monkey, OM VI-3 cells, Owl monkey 531H cells

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