

Datasheet

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

Catalog Number: MAB5083

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native HLA-Class I.

Clone Name: W6/32

Immunogen: Native purified HLA-Class I from membrane of human tonsil cells.

Host: Mouse

Reactivity: Bovine, Cat, Human, Primates

Applications: Flow Cyt

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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 typing 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 (15 mM 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.

References:

1. Expression of HLA-G in human cornea, an immune-privileged tissue. Le Discorde M, Moreau P, Sabatier P, Legeais JM, Carosella ED. Hum Immunol. 2003 Nov;64(11):1039-44.
2. 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):440-6.
3. Residue 3 of beta2-microglobulin affects binding of class I MHC molecules by the W6/32 antibody. Ladasky JJ, Shum BP, Canavez F, Seunanez HN, Parham P. Immunogenetics. 1999 Apr;49(4):312-20.