

anti-human HLA-ABC (no azide)

monoclonal antibody W6/32 to human HLA-ABC

Cat-No: **21159030**

100 µg / 100µl

Clone: W6/32

Specificity: The anti-human HLA-ABC monoclonal antibody recognizes an epitope common among 43 kDa chains of the HLA-ABC antigens. These antigens appear on virtually every human nucleated cell. This antibody is suitable as a positive control for HLA tissue typing and crossmatching.

Isotype subclass: Mouse IgG2a

Form: Purified from tissue culture via Protein G Chromatography

Physical state: Liquid

Buffer/Additives/Preservative: sterile PBS (pH 7.2)

Expiration date: The reagent is stable until the expiry date stated on the vial label

Storage conditions: Aliquot and store at -20°C. Avoid freeze/thaw cycles.
Should be handled under aseptic conditions.

Application: Flow Cytometry, Immunoprecipitation, Immunohistology, Staining of frozen tissue sections

Background: The W6/32 monoclonal antibody reacts with the human major histocompatibility complex (MHC) class I, HLA-A, B, C. MHC class I antigens associated with beta 2-microglobulin are expressed by all human nucleated cells and are central in cell-mediated immune response and tumor surveillance. W6/32 mAb recognizes a non-polymorphic epitope shared among products of the HLA-A, B, and C loci and immunoprecipitates both 43 kDa and 11-12 kDa chains. Crossreactivity is also seen in baboon, rhesus and cynomolgus monkey.

References:

1. Heike, M. et al (1996) Journal of Immunol. 156:2205-2213
2. Pettersen, R.D. et al (1996) Journal of Immunol. 156:1415-1424
3. King, A. et al (1996) Journal of Immunol.
4. Polyak, S. et al (1997) Journal of Immunol 159:2177-2188

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Gladiolenweg 2; 26169 Friesoythe; Germany
phone:+49-(0)4491-400997, fax:+49-(0)4491-400998, info@immunotools.com
www.immunotools.com