

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.

Species Reactivity: Human, Non-Human Primates, Bovine, Feline (Cat)

Negative Species: Rabbit

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: functional application

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

This material is offered for research only. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

ImmunoTools Excellent Quality - Advantageously priced

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