

anti-human HLA-DR FITC-conjugated

FITC - conjugated monoclonal antibody HI159 to HLA-DR (Human)

Cat-No: **21818993**

500 µl

Clone: HI159

Specificity: The antibody HI159 reacts with a monomorphic epitope of major histocompatibility Class II HLA-DR antigens expressed on B cells, monocytes, macrophages, activated T cells, and antigen-presentin cells.

Isotype subclass: Mouse IgG2b

Form: The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is adjusted for direct use. No reconstitution is necessary.

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.2)

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

Storage conditions: Store at 4 °C. Avoid prolonged exposure to light.

Application: Flow Cytometry

References:

*Tadamitsu K, K. Hitoshi, A.E.G.Kr. van dem Borne et.al. eds. 1997. Leucoyte Typing VI: White Cell Differentiation Antigens. P: 210 Garland Publishing, Inc. New York.

Background: **HLA-DR**, a member of MHC class II glycoproteins, that bind intracellularly processed peptides and present them to the Th cells, is composed of 36 kDa alpha chain and 27 kDa beta chain, both anchored in the plasma membrane. Together with other MHC II molecules HLA-DR plays a central role in the immune system.

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

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.

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