

anti-human Interferon-gamma (anti-hIFN-gamma)

monoclonal antibody IT8C4 to IFN-gamma (human)

Cat-No: 21453531

100 µg in 100 µl

Clone: IT8C4

Specificity: The monoclonal antibody IT8C4 recognizes human IFN-gamma in Western blot and ELISA.

Isotype: Mouse IgG

Form: Purified from hybridoma culture supernatant by Protein G affinity chromatography.

Purity: The purity is > 95 % as determined by SDS-PAGE.

Physical state: liquid

Buffer/Additives/Preservative: PBS containing 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 -20 °C. Avoid freeze/thaw cycles.

Application: Western blot, ELISA

Our lab uses the recommended concentration of 0.1 - 10 µg/ml for Western blot. But it is up to the user to determine the optimal concentration for Western blot and ELISA.

Background: IFN-gamma is produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions, it is a potent activator of macrophages and has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor of the type I interferons.

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.

ImmunoTools Excellent Quality - Advantageously priced

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