

# anti-human CD70

## Monoclonal Antibody 2F2 to CD70 (Human)

Cat-No: 21330701

100 µg in 100 µl

**Clone:** 2F2

**Specificity:**

This clone has been derived from hybridization of SP2/0 cells with spleen cells of BALB/c mouse immunized with irradiated Ramos cells. This antibody has been clustered to CD70 in one of the international Workshop on Human White Cell differentiation Antigens. The monoclonal antibody is directed against the CD70-antigen, which is expressed on activated B and T lymphocytes. The monoclonal antibody also reacts positive with Sternberg-Reed cells.

**Isotype subclass:** Mouse IgG1

**Purification:** Ammoniumsulphate precipitation and ionexchange chromatography.

**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 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

**Application:** Detection of activated B- and T-cells. Methods: Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy.

**References:** Hintzen R., et al., Journal of Immunology 152, 1762 (1994).

**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 use 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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