

anti-human CD40 purified**Cat-No.: H12433 0.1 mg****Clone:** 14G7**Specificity:**

This clone has been derived from hybridization of SP2/0 cells with spleen cells of a BALB/c mouse immunized with COS-cells transfected with human CD40 cDNA. This antibody has been clustered to CD40 in one of the international Workshop on Human White Cell differentiation Antigens. The monoclonal antibody is directed against the CD40-antigen, which is expressed on mature B-cells but absent from plasma cells. The monoclonal antibody also reacts with some epithelial cells, carcinomas and dendritic cells. The monoclonal antibody is strongly co-mitogenic with BCR-cross-linking agents.

Isotype subclass: Mouse IgM**Form:**

Ascites fluid of tumor bearing BALB/c mice. Purification: Ammonium sulphate precipitation and gel filtration.

Physical state: Liquid**Buffer/Additives/Preservative:**

PBS containing 15 mM sodium azide, pH 7.4

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:

Characterization of mature B-cells in peripheral blood and secondary lymphoid organs. Analysis of B cell function. Methods: Indirect immunofluorescence staining with analysis by flowcytometry or fluorescence microscopy.

References:

Hintzen, R. et al. J. Immunol. 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 only**. Not for use in human. For in vitro use only.

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