

anti-human CD50

Monoclonal Antibody MEM-171 to CD50 (Human)

Cat-No: **21270501**

100 µg in 100 µl

Clone: MEM-171

Specificity: The antibody MEM-171 recognizes an epitope in the D2 domain of CD50 (ICAM-3), a 120-130 kDa type I membrane protein (immunoglobulin supergene family) expressed on leukocytes, endothelial cells and Langerhans cells; it is negative on platelets and erythrocytes.

HLDA VI; WS Code BP 614

HLDA VI; WS Code NL N-L022

Isotype subclass: Mouse IgG1

Form: Purified from ascites by protein-A affinity chromatography.

Purity: > 95% (by SDS-PAGE)

Physical state: Liquid

Buffer/Additives/Preservative: PBS with 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:

Flow Cytometry

Immunoprecipitation

References:

- *Campanero MR and others: 1993 Nov;123(4):1007-16.
- *Hernandez-Caselles T and others: 1993 Nov;23(11):2799-806.
- *Arroyo AG and others: 1994 Sep;126(5):1277-86.
- *Bogoevska V and others: 2007 Mar;17(3):324-33.

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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