

## anti-human CD28 (no azide)

monoclonal antibody 15E8 to human CD28

Cat-No: **21330280**

100 µg in 100 µl

**Clone:** 15E8

**Specificity:**

This clone has been derived from hybridization of SP2/0 cells with spleen cells of a BALB/c mouse immunized with human T lymphocytes. This antibody has been clustered to CD28 in one of the international Workshop on Human White Cell differentiation Antigens. The monoclonal antibody is directed against the CD28-antigen, which is expressed on a subpopulation of human T-cells (1) and activated B-cells. It has been shown that CD28 positive CD8-cells are cytotoxic T lymphocyte precursors. The monoclonal antibody does not react with B-cells, granulocytes and monocytes.

**Isotype subclass:** Mouse IgG1

**Form:** Culture supernatant.

**Physical state:** Liquid

**Buffer/Additives/Preservative:** PBS, sterile, pH 7.4

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

**Storage conditions:**

Aliquot and store at -20°C. Avoid freeze/thaw cycles. Should be handled under aseptic conditions.

**Application:**

To study the role of CD28 in T cell proliferation (1-3). Methods: Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy.

**References:**

1. Lier, R.A.W. van, et al., Knapp, W. (editor), Leucocyte Typing IV, Oxford University Press, chapter 2, 353 (1989).
2. Lier, R.A.W. van, et al., McMichael, A.J. (editor), Leucocyte Typing III, Oxford University Press, chapter 6, 170 (1987).
3. Lier, R.A.W. van, et al., Eur. J. Immunol., 18, 167 (1988).

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