

## Anti-CD28 [D665] Standard Size Ab00285-1.1

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** D665

**Alternative Name(s) of Target:** TP44; T-cell-specific surface glycoprotein CD28; TP44

**UniProt Accession Number of Target Protein:** P31041

**Published Application(s):** CoStim, SPR, Superagonism, FC, IHC

**Published Species Reactivity:** Mouse

**Immunogen:** The original D665 antibody was generated by immunizing mice alternately with A20 cells expressing mCD28 i.p. and with recombinant mCD28lg s.c.

**Specificity:** This antibody binds to the laterally exposed C'D loop of CD28 and induces T cell proliferation without TCR ligation.

**Application Notes:** This antibody binds to mouse CD28. The original mouse IgG1 version was shown to trigger T-cell proliferation in vitro and in vivo in a TCR-independent manner and is a superagonistic antibody. This antibody does not compete with E18 (Ab00286).

**Antibody First Published in:** Dennehy et al. Cutting Edge: Monovalency of CD28 Maintains the Antigen Dependence of T Cell Costimulatory Responses Journal of Immunology [PMID:16670276](#)

**Note on publication:** Cutting Edge: Monovalency of CD28 Maintains the Antigen Dependence of T Cell Costimulatory Responses

### Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.