

## Anti-CD28 [E18] Standard Size Ab00286-1.6

This is a Fab fragment with a his-tag.

This is a directly produced Fab fragment permitting comparison to the Fc Silent™ variant in dissection of the mechanism underlying the differential effect of full length antibody and Fab-fragment in previous studies (c.f. [PubmedID:18780833](#))

**Isotype and Format:** Mouse Fab fragment, His-Tagged, Kappa

**Clone Number:** E18

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

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

**Published Application(s):** immunosuppression, SPR, Block, FC, IHC

**Published Species Reactivity:** Mouse

**Immunogen:**

**Specificity:** Recognises mouse CD28 at the interaction site with B7 and blocks binding to B7. Intact antibody (but not Fab fragments) trigger Treg proliferation in pro-inflammatory settings, and protect from graft-versus-host disease.

**Application Notes:** Further functional characterisation of the antibody may be found [here](#) . This antibody does not compete with D665 (Ab00285).

**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:** Purified by Immobilized Metal Affinity Chromatography

**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.