

Anti-CD28 [E18] Standard Size Ab00286-3.3

Recombinant monoclonal antibody to CD28. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma E18. This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG2b, Fc Silent™, Kappa

Clone Number: E18

Alternative Name(s) of Target: CD28; 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](#).

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:](#)

Note on publication:

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.