



Mouse Anti-CD28 monoclonal Antibody, clone D665 (CABT-L1150)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant monoclonal antibody to CD28. Manufactured from the hybridoma D665.
Specificity	Recognises mouse CD28 and can trigger T-cell proliferation in vitro and in vivo.
Target	CD28
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Mouse
Clone	D665
Purification	Protein A affinity purified
Conjugate	Unconjugated
Applications	CoStim, Superagonism, Fc, SPR, IHC
Format	Liquid
Size	1 mg
Buffer	PBS
Preservative	None
Storage	Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C

BACKGROUND

Introduction

CD28 is a major costimulatory molecule, expressed by most T cells including thymocyte subsets and peripheral T-cells but is absent on a subset of CD8+ve cells. Engagement of CD28 by its natural ligand, CD80 or CD86, provides a costimulatory signal which promotes T-cell effector function and T-cell-dependent antibody production. This antibody clone D665 is reported to act as a CD28 superagonist antibody, which induces antigen- independent T cell proliferation.

Keywords

CD28;CD28 antigen;T-cell-specific surface glycoprotein CD28

GENE INFORMATION

Entrez Gene ID

[12487](#)

UniProt ID

[P31041](#)
