



Mouse Anti-Human CD28 Monoclonal antibody, clone CD28.2 (CABT-L4311)

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

PRODUCT INFORMATION

Product Overview	0
Target	Human/monkey CD28
Immunogen	Human CD28 transfected cell line
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human, Monkey
Clone	CD28.2
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	in vitro?T cell stimulation/activation, FC, IHC-F
Molecular Weight	150 kDa
Format	0.2 μm filtration liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific
Size	5 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free]

Endotoxin level: <2EU/mg (<0.002EU/µg). Determined by LAL gel clotting assay
Related dilution buffer: CABT-LB04

Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Keywords Tp44, T44

GENE INFORMATION

Official Symbol	CD28 molecule
Synonyms	Tp44, T44
References	Blewett, M. M., et al. (2016). "Chemical proteomic map of dimethyl fumarate-sensitive cysteines in primary human T cells." <i>Sci Signal</i> 9(445): rs10. PubMed;