



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." Sci Signal 9(445): rs10. PubMed;
------------	---
