



Anti-CD28 monoclonal antibody, clone E18 (CABT-48083MM)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Mouse CD28 antibody, clone E18 recognizes murine CD28, a co-stimulatory cell surface molecule expressed by T cell subsets. Clone E18 has been shown to be able to stimulate murine T lymphocytes in combination with anti-mouse CD3. Flow Cytometry Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
Specificity	CD28
Immunogen	Alternate immunisation with A20 cells expressing mCD28 and recombinant mCD28Ig.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Mouse
Clone	E18
Conjugate	Unconjugated
Applications	FC; FA
Format	Purified IgG - liquid
Size	500 µg
Preservative	None
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Cd28 CD28 antigen [Mus musculus (house mouse)]
Official Symbol	CD28
Synonyms	CD28; CD28 antigen; T-cell-specific surface glycoprotein CD28;
Entrez Gene ID	12487
Protein Refseq	NP_031668
UniProt ID	P31041
Chromosome Location	1 C1-C3; 1 30.52 cM
Pathway	Adaptive Immune System; Allograft rejection; Autoimmune thyroid disease; CD28 co-stimulation; CD28 dependent PI3K/Akt signaling; CD28 dependent Vav1 pathway; Cell adhesion molecules (CAMs); Constitutive PI3K/AKT Signaling in Cancer;
Function	SH3/SH2 adaptor activity; protease binding; protein homodimerization activity;