

## Mouse Anti-Human CD28 mAb

Catalog No: #CM002



Package Size: #CM002-1 25ug #CM002-2 100ug

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## Description

Product Name	Mouse Anti-Human CD28 mAb
Host Species	Mouse
Clonality	Monoclonal
Clone No.	5H3
Isotype	Mouse IgG1, $\kappa$
Applications	FC/Costim
Species Reactivity	Hu
Immunogen Description	L929/CD28 transfected cells
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution in phosphate buffered saline (PBS) and reconstitute with sterile PBS.
Storage	Store protected from light at 2-8°C. Do not freeze. The expiration date is indicated on the vial label.

## Product Description

CD28 (Cluster of Differentiation 28) is one of the proteins expressed on T cells that provide co-stimulatory signals required for T cell activation and survival. T cell stimulation through CD28 in addition to the T-cell receptor (TCR) can provide a potent signal for the production of various interleukins (IL-6 in particular). CD28 is the receptor for CD80 (B7.1) and CD86 (B7.2) proteins. When activated by Toll-like receptor ligands, the CD80 expression is upregulated in antigen presenting cells (APCs). The CD86 expression on antigen presenting cells is constitutive (expression is independent of environmental factors). CD28 is the only B7 receptor constitutively expressed on naive T cells. Association of the TCR of a naive T cell with MHC-antigen complex without CD28/B7 interaction results in a T cell that is anergic.

Note: This product is for in vitro research use only