

Recombinant Anti-Cd28 Antibody (V3S-0822-YC2673)

Cat. No.: V3S-0822-YC2673

Summary

Description	This product is a mouse monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing CD28 antigen. It can be used for Cd28 detection in Stimulation Assay (Stim), Activation Assay (Activ). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Mouse
Immunogen	A20 cells expressing mouse CD28 and a Recombinant mouse CD28-Ig fusion protein
Isotype	IgG1 kappa
Isotype Control	C60052
Secondary Antibody	C47504; C37557; C41360; C32672; C10001; C52760; C17603; C65740

Property

Purity	>95%, determined by SDS-PAGE
Purification	Protein G purified
Formulation	PBS, pH 7.0
Preservation	No preservatives
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	Stim; Activ
--------------------	-------------

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Target

Target Cd28

Alternative Name CD28

Gene ID [12487](#)

Introduction 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 can provide a potent signal for the production of various interleukins. CD28 is the receptor for CD80 and CD86 proteins.

Research Area Immunology

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.