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InnoCyto Inc.

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Anti-mouse CD28 Antibody

Catalog Number:	203001
Size:	100 μg
Target Name:	CD28, Tp44, T44
Regulatory Status:	RUO

PRODUCT DETAILS

Clone:	37.51
Application:	Flow Cytometry
Reactivity:	Mouse
Format:	Purified
Isotype:	Syrian Hamster IgG
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Protein Concentration:	0.5 mg/mL
Storage&Handling:	The antibody solution should be stored between 2°C and 8°C
Recommended Usage:	For flow cytometric staining, it is recommended to use less than 0.2 ug of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.
RRID:	AB_3739110

BACKGROUND INFORMATION

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 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.