

Product datasheet for **TA320257**

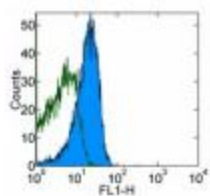
Cd28 Hamster Monoclonal Antibody [Clone ID: 37.51]

Product data:

Product Type:	Primary Antibodies
Clone Name:	37.51
Applications:	FC
Recommended Dilution:	Flow, IHC, Functional Assay, IP
Reactivity:	Mouse
Host:	Hamster
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD28 antigen
Database Link:	NP_031668 Entrez Gene 12487 Mouse P31041
Background:	The 37.51 monoclonal antibody reacts with the mouse CD28 molecule, a 45 kDa homodimer expressed by thymocytes, mature T cells and NK cells. CD28 is a ligand for CD80 (B7-1) and CD86 (B7-2) and is a potent costimulator of T cells. Signaling through CD28 augments IL-2 and IL-2 receptor expression as well as cytotoxicity of CD3-activated T cells.
Synonyms:	MGC138290; Tp44



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Product images:

Staining of BALB/c thymocytes with 0.25 ug of Golden Syrian Hamster IgG Isotype Control Purified (open histogram) or 0.25 ug of Anti-Mouse CD28 Purified (filled histogram) followed by Anti-Syrian Hamster IgG FITC. Cells in the lymphocyte gate were used for analysis.