

anti-Mouse CD28 Monoclonal Antibody | anti-Cd28 antibody

Hamster Anti-Mouse CD28-BIOT

CATALOG # AAA78671	HOST Syrian Hamster	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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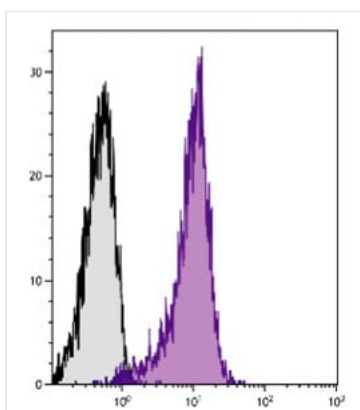
PRODUCT SYNONYMS

CD28; Monoclonal Antibody; Hamster Anti-Mouse CD28-BIOT; Hamster Anti-Mouse CD28 - Biotin; Hamster Anti-Mouse CD28; anti-Cd28 antibody

PRODUCT SPECIFICATIONS

Host	Syrian Hamster
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2
Clone Number	37.51
Specificity	Mouse CD28; Mr 40 kD
Form/Format	The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN ₃ .
Sequence Length	63
Applicable Applications for anti-Cd28 antibody	FCM/FACS (Flow Cytometry)
Immunogen	C57BL/6N mouse T cell lymphoma EL-4 cell line
Characterization	To ensure lot-to-lot consistency, each batch of monoclonal antibody is tested by flow cytometry to conform to characteristics of a standard reference reagent. Representative data are included in this product insert.
Preparation and Storage	Store at 2-8°C.

IMAGES



Application Data

BALB/c mouse thymocytes were stained with Hamster Anti-Mouse CD28-UNLB followed by Goat Anti-Hamster IgG (H+L) Mouse/Rat ads-PE

ADDITIONAL INFORMATION

Related Product Information for anti-Cd28 antibody	CD28 is a type I disulfide-linked homodimer that is constitutively expressed on most thymocytes, at low density on nearly all CD4+ and CD8+ peripheral T lymphocytes and at very low levels on NK cells. Its expression is upregulated upon T-cell activation. CD28 is a ligand for CD80 (B7-1) and CD86 (B7-2) on B cells and other antigen presenting cells and plays an important role in the interaction between T cells and B cells. CD28 is a costimulatory receptor involved in many, but not all, T-cell independent immune responses
References	1. Gross, J. A., E. Callas, and J. P. Allison. 1992. J. Immunol. 149:380. 2. Giese, T., J. P. Allison, and W. F. Davidson. 1993. J. Immunol. 151:597. 3. Clements, J. L., G. Winslow, C. Donahue, S. M. Cooper, J. P. Allison, and R. C. Budd. 1993. Int. Immunol. 5:1451. 4. Nandi, D., J. A. Gross, and J. P. Allison. 1994. J. Immunol. 152:3361. 5. June, C.H., J.A. Bluestone, L.M. Nadler, and C.B. Thompson. 1992. Immunol. Today 15:321. 6. Gelfanov, V., Y. G. Lai, V. Gelfanova, J. Y. Dong, J. P. Su, and N. S. Liao. 1995. J. Immunol. 155:76. 7. Harding, F. A., J. G. McArthur, J. A. Gross, D. H. Raulet, and J. P. Allison. 1992. Nature 356:607. 8. Bluestone, J.A. 1995. Immunity 2:555.

NCBI AND UNIPROT INFORMATION

NCBI GI #	192485
NCBI GeneID	12487
UniProt Accession #	P31041; Q8CDB3
NCBI Official Full Name	CD28
NCBI Official Synonym Full Names	CD28 antigen
NCBI Official Symbol	Cd28
NCBI Official Synonym Symbols	Cd28
NCBI Protein Information	T-cell-specific surface glycoprotein CD28; OTTMUSP00000002157
UniProt Protein Name	T-cell-specific surface glycoprotein CD28
UniProt Entry Name	CD28_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.