Mouse CD28 Monoclonal Antibody | anti-CD28 antibody

Anti-Hu CD28 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128483	**Mouse**	**Non-human primates, Human**	**Immunocytochemistry, Immunohistochemistry, Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

CD28; Monoclonal Antibody; Anti-Hu CD28 Purified; CD28 molecule; TP44; anti-CD28 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Non-human primates, Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	CD28.2
Specificity	The mouse monoclonal antibody CD28.2 recognizes an extracellular epitope of CD28, a disulfide-linked homodimeric type I glycoprotein (monomer of Mw 44 kDa) which is a critical costimulatory receptor of T cells.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	123
Applicable Applications for anti-CD28 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	DC28.1.3.3 murine T cell hybridoma transfected with human CD28 cDNA
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD28 antibody	CD28 is the critical T cell costimulatory receptor which provides to the cell the important second activation signal by binding CD80 and CD86 that are expressed by antigen presenting cells. Besides its costimulation role CD28 functions in preventing T cells from anergic hyporesponsive state or from undergoing premature apoptotic cell death. CD28 is also expressed on human fetal NK cells and some NK cell lines, whereas on murine NK cells the CD28 expression is much broader.

NCBI AND UNIPROT INFORMATION

NCBI GI #	340545508
NCBI GeneID	940
NCBI Accession #	NP_001230006.1
NCBI GenBank Nucleotide #	NP_001230006.1
UniProt Accession #	P10747

NCBI Official Full Name	T-cell-specific surface glycoprotein CD28 isoform 2
NCBI Official Synonym Full Names	CD28 molecule
NCBI Official Symbol	CD28
NCBI Official Synonym Symbols	Tp44
NCBI Protein Information	T-cell-specific surface glycoprotein CD28
UniProt Protein Name	T-cell-specific surface glycoprotein CD28
UniProt Gene Name	**CD28**
UniProt Entry Name	CD28_HUMAN

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/cd28-antibody-clone-cd28-2-immunocytochemistry-immunohistochemistry-western-blot-immunoprecipitation-flow-cytometry-elisa/128483