

Rabbit anti-Human CD28 Monoclonal Antibody | anti-CD28 antibody

CD28 Rabbit mAb

CATALOG # AAA282849	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

CD28; Monoclonal Antibody; CD28 Rabbit mAb; Tp44; anti-CD28 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MLRLLALNL FPSIQVTGNK ILVKQSPMLV AYDNAVNLSK KYSYNLFSRE FRASLHKGLD SAVEVCVYVG NYSQQLQVYS KTGFNCDGKL GNESVTFLYQ NLYVNQTDIY FCKIEVMYPP PYLDNEKSNG TIIHVKGKHL CPSPLFPGPS KPFWVLVVVG GVLACYSLLV TVAFIIFWVR SKRSRLLHSD YMNMTPRRPG PTRKHYQPYA PPRDFAAYRS
Applicable Applications for anti-CD28 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein of human CD28 Full length (P10747).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of CD28 Rabbit mAb Cocotail (10 ug/mL) in Jurkat cells (Orange) compare to Alexa Fluor 647 conjugated goat anti-rabbit pAb (1:600 dilution) Isotype control (Blue) and non-staining control (Red).



WB (Western Blot)

Western blot analysis of various lysates using CD28 Rabbit mAb (AAA282849) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CD28 antibody	The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CD28 antibody	Signal Transduction ; Cell Biology Developmental Biology ; Apoptosis ; Immunology Inflammation ; CDs ; T Cell Receptor Signaling Pathway ; Stem Cells ; Hematopoietic Progenitors ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	340545508
NCBI GeneID	940
NCBI Accession #	NP_001230006.1
NCBI GenBank Nucleotide #	NM_001243077.1
UniProt Accession #	P10747; Q13964; Q52M23; Q8NI54; Q8NI55; Q8NI56; Q8WXJ2; Q9BYV0; A8KAC1
Molecular Weight	Calculated MW: 25kDa Observed MW: 45kDa
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-flow-cytometry-western-blot-elisa/282849>