

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

RAT ANTI HUMAN CD28:FITC

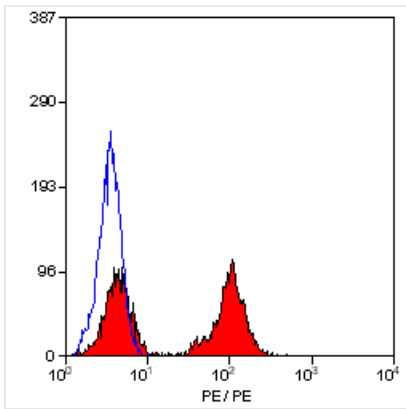
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA49116	Rat	Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

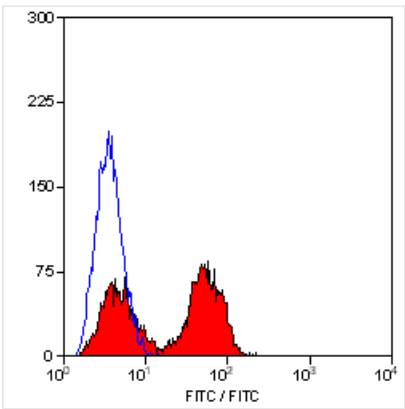
CD28; Monoclonal Antibody; RAT ANTI HUMAN CD28:FITC; anti-CD28 antibody

PRODUCT SPECIFICATIONS

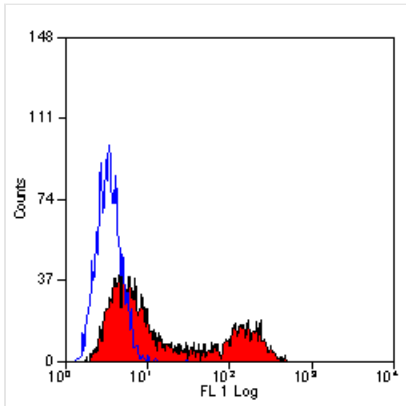
Host	Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	YTH913.12
Specificity	CD28 This item recognises the human CD28 cell surface antigen, a 44kD glycoprotein expressed by T lymphocytes. It has been reported that this clone enhances the MLR response Clone YTH913.12 recognizes an epitope of CD28 expressed by NK cells, which is not recognised by clones of 9.3 or CD28.2 For functional studies,
Form/Format	FITC (Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid)
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	123
Applicable Applications for anti-CD28 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Human peripheral blood T-cells
Fusion Partners	Spleen cells from an immunised DA rat were fused with cells of the Y3/Ag 1.2.3 rat myeloma cell line.
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Preservative Stabilizers	0.09% Sodium Azide 1% Bovine Serum Albumin
Buffer Solution	Phosphate buffered saline
Preparation and Storage	Store at +4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of dispatch.



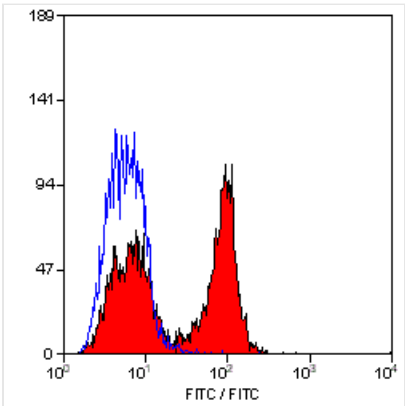
Application Data
Staining of human peripheral blood lymphocytes with Rat anti Human CD28:RPE



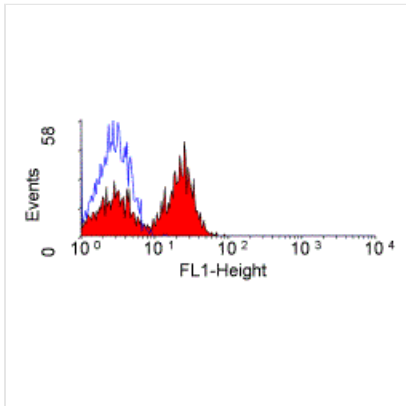
Application Data
Staining of human peripheral blood lymphocytes with Rat anti Human CD28:FITC (AAA49116)



Application Data
Staining of human peripheral blood lymphocytes with Rat anti Human CD28: Alexa FluorR 647



Application Data
Staining of human peripheral blood lymphocytes with Rat anti Human CD28



Application Data
Staining of human peripheral blood lymphocytes with Rat anti Human CD28: Biotin

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	25,066 Da
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; CD28 antigen
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-yth913-12-flow-cytometry-elisa/49116>