

Anti-CD28 antibody (Full Length) [S5MR] (STJ11103275)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/FC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

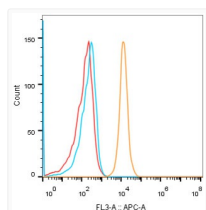
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 FC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 25kDa Observed Mw: 45kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

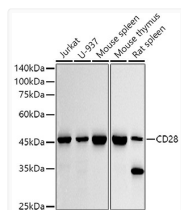
Gene ID	940
Gene Symbol	CD28
UniProt ID	CD28_HUMAN
Immunogen Region	Full Length
Immunogen Sequence	MLRLLALNLFPSIQVTGNK ILVKQSPMLVAYDNAVNLSK KYSYNLFSREFRSLHKGLD SAVEVCVVYGNYSQQLQVYS KTGFNCDGKLGNESVTFYLO NLVYNQTDIYFCKIEVMYPP PYLDNEKSNGTIIHVKGKHL CPSPLFPGPSKPFWVLVVVG GVLACYSLLVTVAFIIFWVR SKRSRLHSDYMNMTPRRPG PTRKHYQPYAPPRDFAAYRS
Specificity	Recombinant protein of human CD28 Full length (P10747).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



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



Western blot analysis of extracts of various cell lines, using CD28 antibody (STJ11103275) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.