

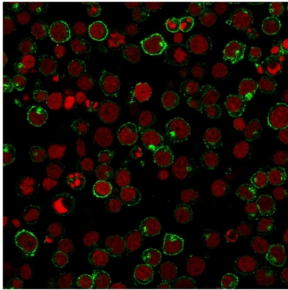
## Anti-CD28 Antibody [204.12] - BSA and Azide free (A253812)

### Specifications:

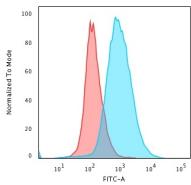
Name:	Anti-CD28 Antibody [204.12] - BSA and Azide free
Description:	Mouse monoclonal [204.12] antibody to CD28.
Specificity:	This antibody recognizes a glycoprotein of 44-88kDa, which is identified as CD28. It is the critical T-cell co-stimulatory receptor which provides to the cell the important second activation signal by binding CD80 and CD86 that are expressed by antigen presenting cells. Besides its co-stimulation 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.
Applications:	Flow Cytometry, IF
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml
Reactivity:	Human, Porcine, Bovine, Sheep, Mouse
Immunogen:	Stimulated human leucocytes.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	204.12
Isotype:	IgG2a
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-CD28 Antibody [204.12] (A250632).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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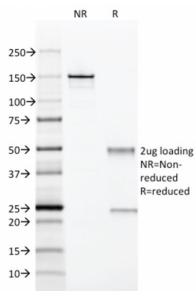
### Images:



Immunofluorescent analysis of Jurkat cells stained with Anti-CD28 Antibody [204.12] followed by Goat Anti-Mouse IgG (CF® 488) (Green). Nuclei are stained with RedDot.



Flow cytometric analysis of paraformaldehyde fixed Jurkat cells using Anti-CD28 Antibody [204.12] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Isotype Control (Red).



SDS-PAGE analysis of Anti-CD28 Antibody [204.12] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.