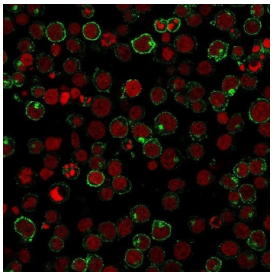
CD28 Antibody [clone 204.12] (V2987)

Catalog No.	Formulation	Size
V2987-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2987-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2987SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

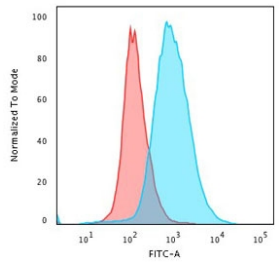
Citations (2)

Bulk quote request

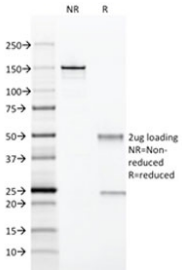
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	204.12
Purity	Protein G affinity chromatography
UniProt	P10747
Localization	Cell surface
Applications	1-2ug/10^6 cells1-2ug/ml Functional studies (order BSA/sodium azide-free format)
Limitations	This CD28 antibody is available for research use only.



Immunofluorescent staining of human Jurkat cells with CD28 antibody (green, clone 204.12) and Reddot nuclear stain (red).



Flow cytometry testing of paraformaldehyde-fixed human Jurkat cells with CD28 antibody (clone 204.12); Red= isotype control, Blue= CD28 antibody.



SDS-PAGE analysis of purified, BSA-free CD28 antibody (clone 204.12) as confirmation of integrity and purity.

Description

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.

Application Notes

Optimal dilution of the CD28 antibody should be determined by the researcher.

Immunogen

Stimulated human leukocytes were used as the immunogen for the CD28 antibody.

Storage

Store the CD28 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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