

# Product Datasheet

## CD28 Antibody (CD28.2) - BSA Free NBP1-79126

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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### Publications: 1

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**NBP1-79126**

CD28 Antibody (CD28.2) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	CD28.2
Preservative	15mM Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	44 kDa

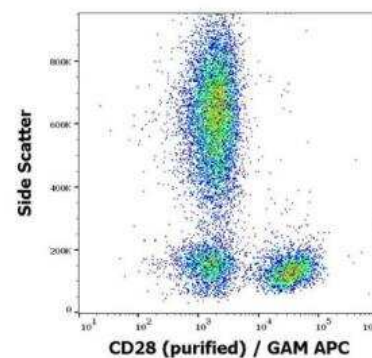
Product Description	
Description	Novus Biologicals Mouse CD28 Antibody (CD28.2) - BSA Free (NBP1-79126) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-CD28 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	940
Gene Symbol	CD28
Species	Human, Primate
Specificity/Sensitivity	The antibody CD28.2 reacts with CD28, a disulfide-linked homodimeric type I glycoprotein (monomer of Mw 44 kDa) which is a critical costimulatory receptor of T cells. HLDA V.; WS Code 5T CD28.05
Immunogen	DC28.1.3.3 murine T cell hybridoma transfected with human CD28 cDNA

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1-2 ug/ml., Flow Cytometry 1-12 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Frozen 1:200, CyTOF-ready
Application Notes	This antibody is Cytof ready.

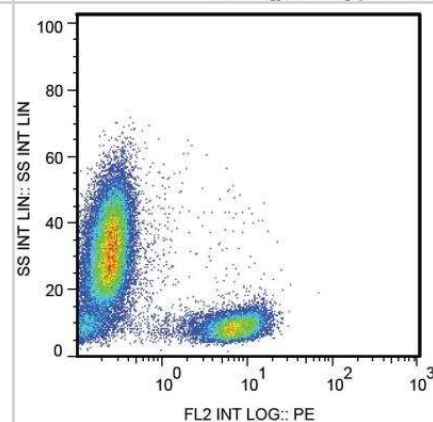


## Images

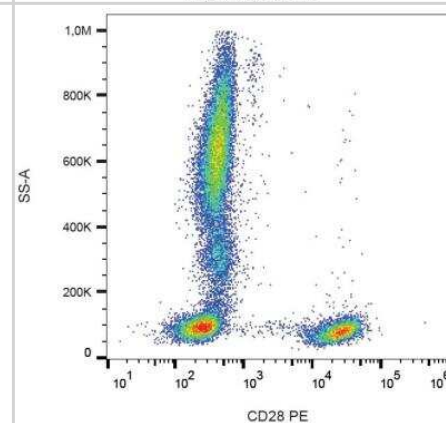
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining pattern of human peripheral blood stained using anti-human CD28 (CD28.2) purified antibody (concentration in sample 1,6 ug/ml) GAM APC.



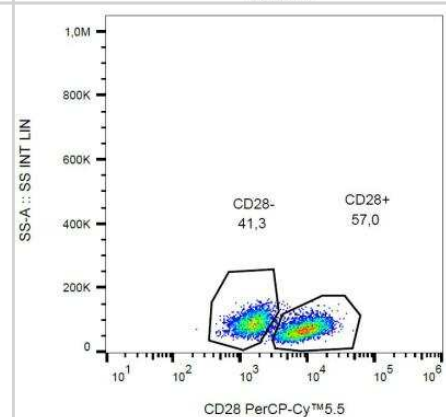
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) purified.



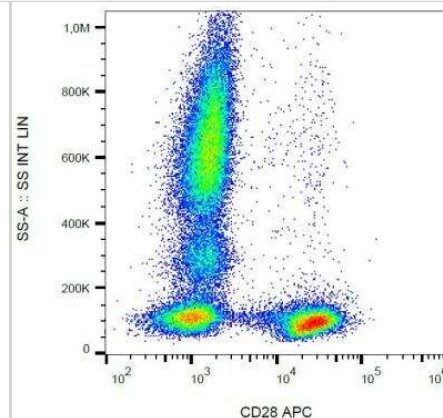
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) PE.



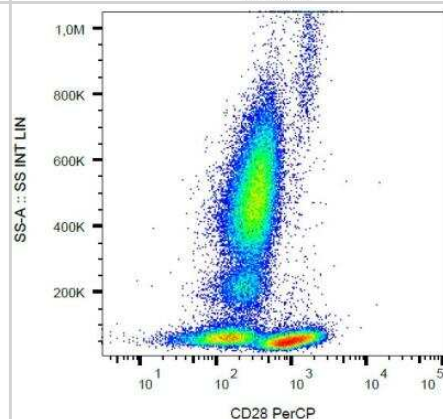
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) PerCP-CyTM5.5



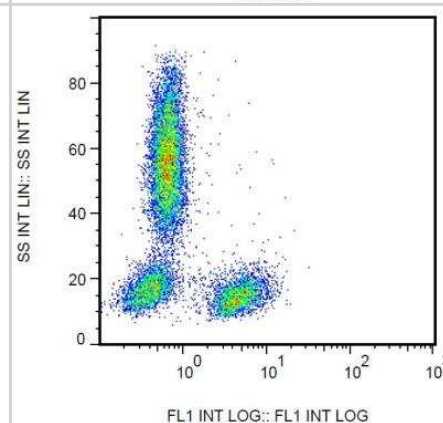
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) APC.



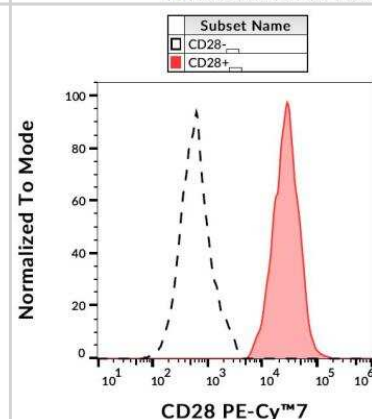
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) PerCP.



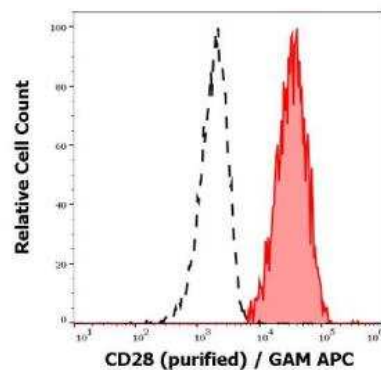
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) FITC.



Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) PE-Cy™7.



Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Separation of human CD28 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD28 (CD28.2) purified antibody (concentration in sample 1,6 ug/ml) GAM APC.



## Publications

Ferguson ID, Griffin P, Michel JJ et al. T Cell Receptor-Independent, CD31/IL-17A-Driven Inflammatory Axis Shapes Synovitis in Juvenile Idiopathic Arthritis Front Immunol 2018-08-06 [PMID: 30127787] (FLOW, Human)



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### **Products Related to NBP1-79126**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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