

# 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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**NBP1-79126**

CD28 Antibody (CD28.2) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CD28.2
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Target Molecular Weight</b>	44 kDa

**Product Description**

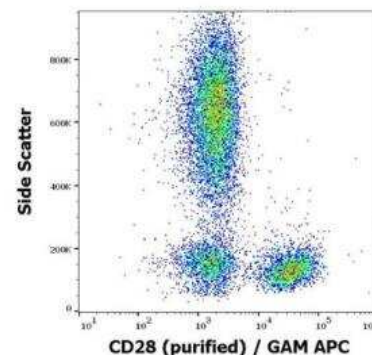
<b>Host</b>	Mouse
<b>Gene ID</b>	940
<b>Gene Symbol</b>	CD28
<b>Species</b>	Human, Primate
<b>Specificity/Sensitivity</b>	The antibody CD28.2 reacts with CD28, a disulfide-linked homodimeric type I glycoprotein (monomer of Mw 44 kDa) which is a critical costimulatory receptor of T cells. HLDA V.; WS Code 5T CD28.05
<b>Immunogen</b>	DC28.1.3.3 murine T cell hybridoma transfected with human CD28 cDNA

**Product Application Details**

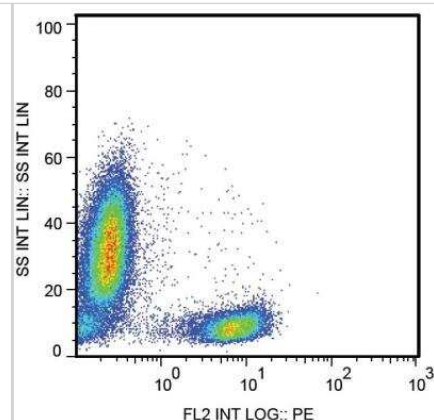
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/ml., Flow Cytometry 1-12 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/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

**Images**

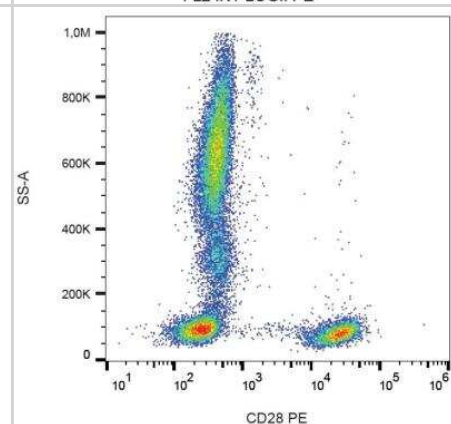
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining pattern of human peripheral blood stained using anti-human CD28 (CD28.2) purified antibody (concentration in sample 1,6 ug/ml) GAM APC.



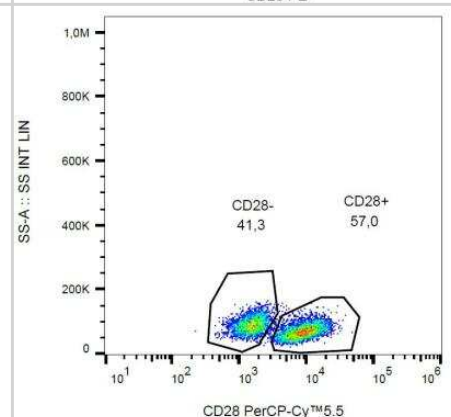
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) purified.



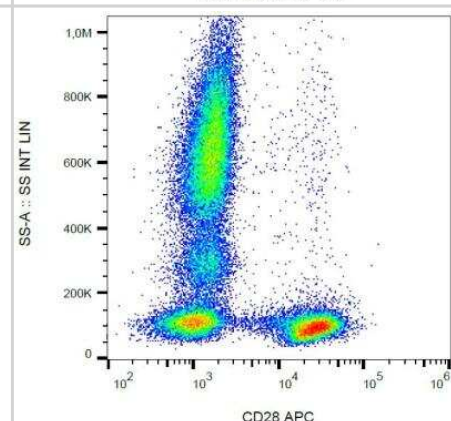
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) PE.



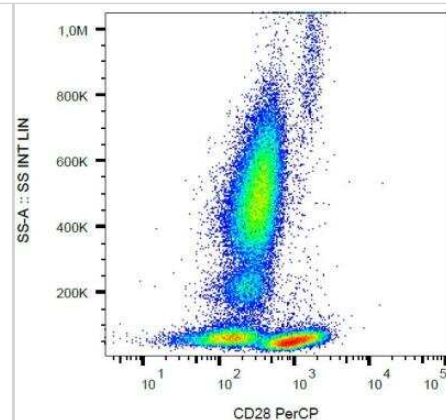
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) PerCP-CyTM5.5



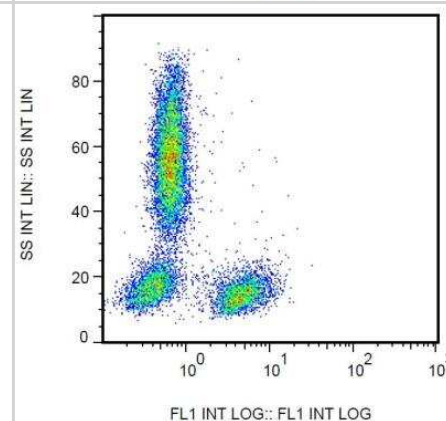
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) APC.



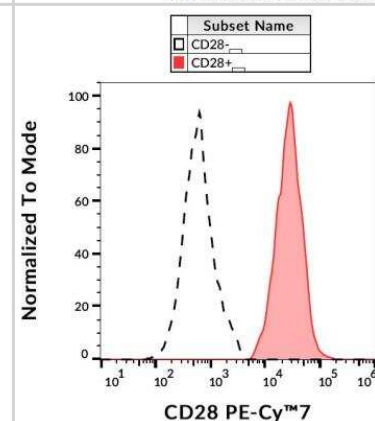
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) PerCP.



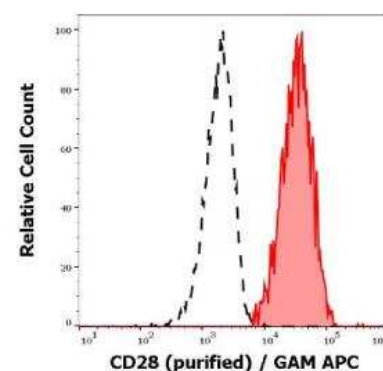
Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) FITC.



Flow Cytometry: CD28 Antibody (CD28.2) [NBP1-79126] - Surface staining of human peripheral blood leukocytes with anti-human CD28 (CD28.2) PE-CyTM7.



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**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-57015PEP	CD28 Recombinant Protein Antigen

### **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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