

# Product Datasheet

## CD11c Antibody (BU15) - BSA Free NBP1-45018

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-45018**

CD11c Antibody (BU15) - BSA Free

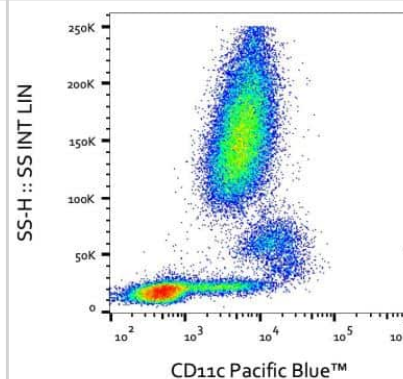
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	BU15
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	150 kDa

Product Description	
Host	Mouse
Gene ID	3687
Gene Symbol	ITGAX
Species	Human, Monkey
Marker	Dendritic Cell Marker
Specificity/Sensitivity	The antibody BU15 reacts with CD11c (alphaX, p150), a 150 kDa integrin expressed mainly on dendritic cells and tissue macrophages. HLDA III; WS Code M 256 HLDA V; WS Code AS S143 HLDA VI; WS Code AS Ref.6
Immunogen	Dendritic cells of synovial fluid

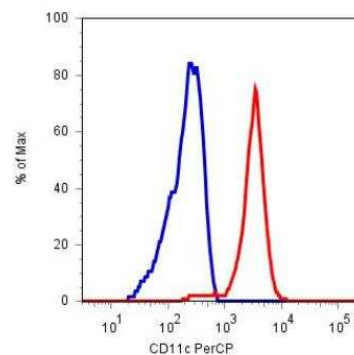
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1-4 ug/ml, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Frozen 1:200, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Images**

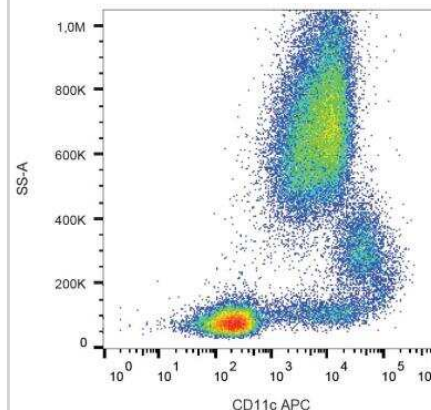
Flow Cytometry: CD11c Antibody (BU15) [NBP1-45018] - Staining of human peripheral blood cells with anti-CD11c (BU15) Pacific Blue™.



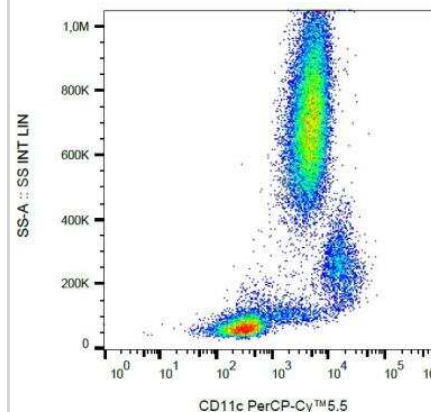
Flow Cytometry: CD11c Antibody (BU15) [NBP1-45018] - Staining of human peripheral blood cells with anti-CD11c (BU15) PerCP (monocyte gate).



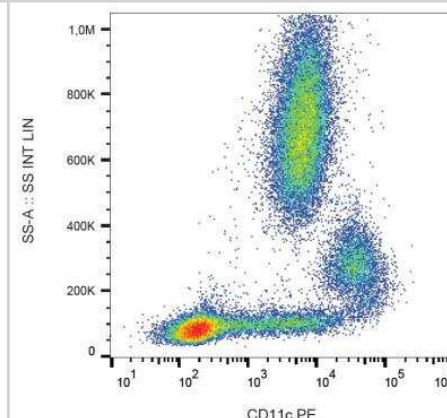
Flow Cytometry: CD11c Antibody (BU15) [NBP1-45018] - Staining of human peripheral blood cells with anti-CD11c (BU15) APC.



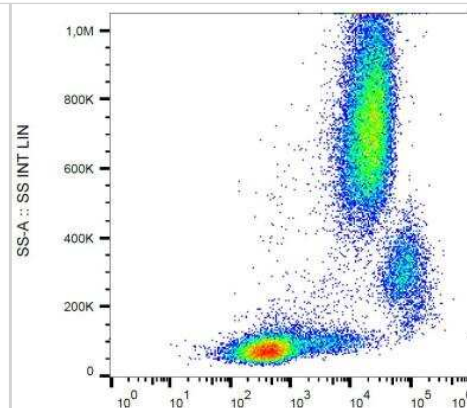
Flow Cytometry: CD11c Antibody (BU15) [NBP1-45018] - Staining of human peripheral blood cells with anti-CD11c (BU15) PerCP-CyTM5.5.



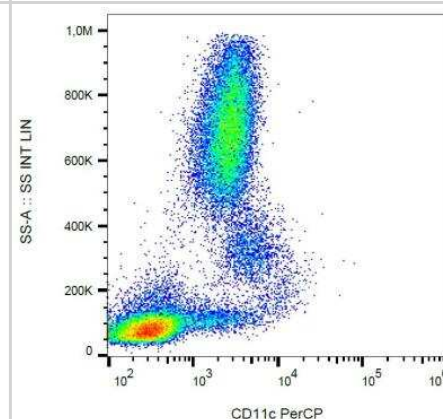
Flow Cytometry: CD11c Antibody (BU15) [NBP1-45018] - Staining of human peripheral blood cells with anti-CD11c (BU15) PE.



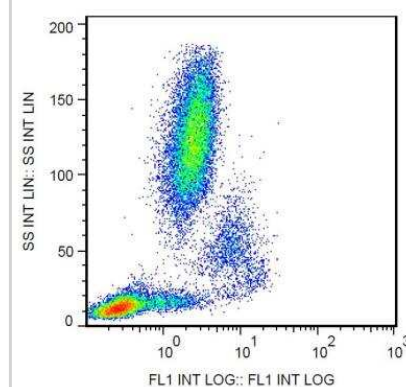
Flow Cytometry: CD11c Antibody (BU15) [NBP1-45018] - Staining of human peripheral blood cells with anti-CD11c (BU15) PE-CyTM7. .



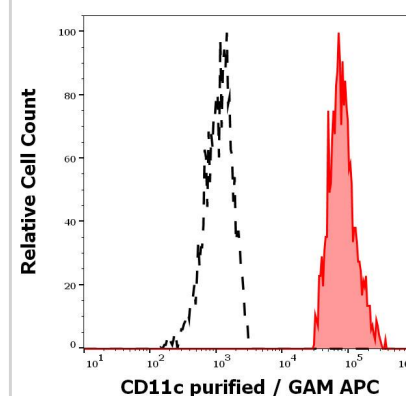
Flow Cytometry: CD11c Antibody (BU15) [NBP1-45018] - Staining of human peripheral blood cells with anti-CD11c (BU15) PerCP.



Flow Cytometry: CD11c Antibody (BU15) [NBP1-45018] - Staining of human peripheral blood cells with anti-CD11c (BU15) FITC.



Separation of human monocytes (red-filled) from CD11c negative lymphocytes (black-dashed) in Analysis (surface staining) of human peripheral whole blood stained using anti-human CD11c (BU15) purified antibody (concentration in sample 2 ug/ml, GAM APC).



## Publications

Kim J, Jeong JH, Jung J et al. Immunological characteristics and possible pathogenic role of urinary CD11c+ macrophages in lupus nephritis Rheumatology (Oxford) 4390-01-01 [PMID: 32163584] (IHC-P, Human)



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### **Products Related to NBP1-45018**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-45018V	CD11c Antibody (BU15) [DyLight 405]

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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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