

# Product Datasheet

## CD68/SR-D1 Antibody (3F7D3) - BSA Free NBP2-37265

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP2-37265**

CD68/SR-D1 Antibody (3F7D3) - BSA Free

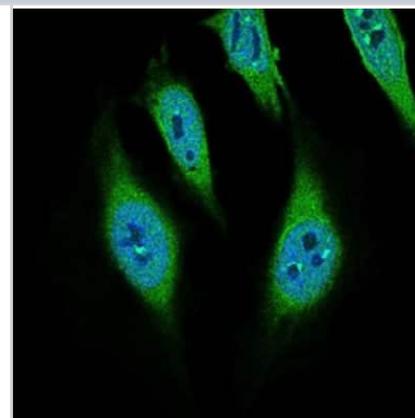
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3F7D3
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	37.4 kDa

Product Description	
Host	Mouse
Gene ID	968
Gene Symbol	CD68
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:35022438).
Immunogen	Purified recombinant fragment of human CD68/SR-D1 (AA: 42-155) expressed in E. Coli.

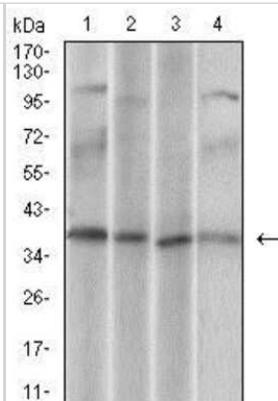
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Images**

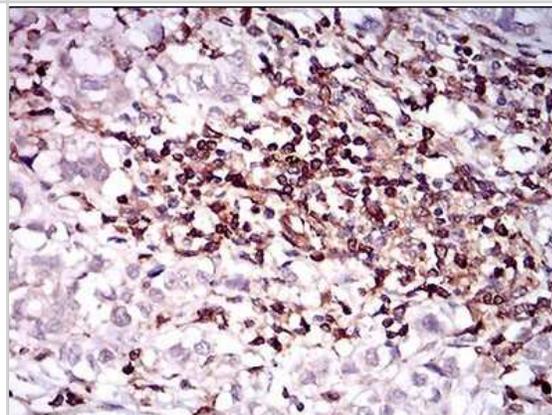
Immunocytochemistry/Immunofluorescence: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Immunofluorescence analysis of HeLa cells using CD68 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



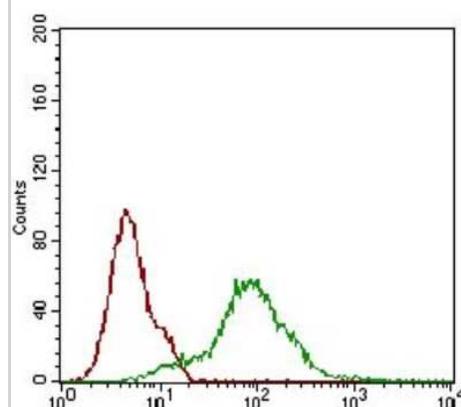
Western Blot: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Western blot analysis using CD68 mouse mAb against U937 (1), Hela (2), HepG2 (3), Jurkat (4) cell lysate.



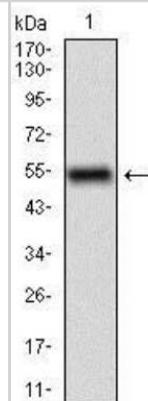
Immunohistochemistry-Paraffin: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Analysis of bladder cancer tissues using CD68 mouse mAb with DAB staining.



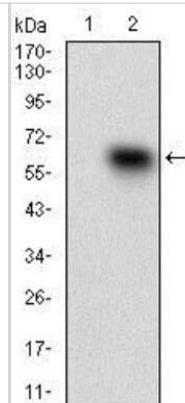
Flow Cytometry: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Flow cytometric analysis of Hela cells using CD68 mouse mAb (green) and negative control (red).



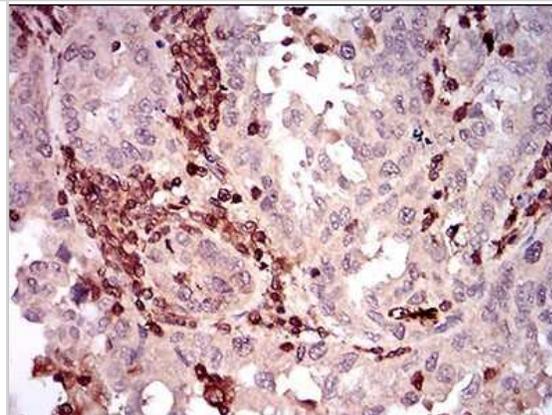
Western Blot: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Western blot analysis using CD68 mAb against human CD68 (AA: 42-155) recombinant protein. (Expected MW is 37.4 kDa)



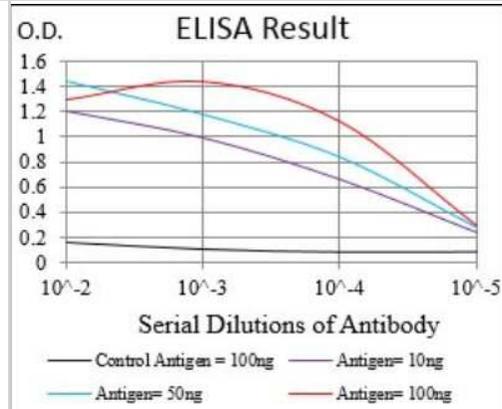
Western Blot: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Western blot analysis using CD68 mAb against HEK293 (1) and CD68 (AA: 42-155)-hlgGfc transfected HEK293 (2) cell lysate.



Immunohistochemistry-Paraffin: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Analysis of endometrial cancer tissues using CD68 mouse mAb with DAB staining.



ELISA: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Singh A, Das K, Banerjee S, Sen P Elucidation of the signaling pathways for enhanced exosome release from Mycobacterium infected macrophages and subsequent induction of differentiation Immunology 2022-08-06 [PMID: 36240165] (WB, ICC/IF, Human)

Chakrabarti J, Dua-Awereh M, Schumacher M et al. Sonic Hedgehog acts as a macrophage chemoattractant during regeneration of the gastric epithelium NPJ Regenerative medicine 2022-01-12 [PMID: 35022438] (IF/IHC, Mouse)



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### **Products Related to NBP2-37265**

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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)
NBP2-53081-50ug	Recombinant Human CD68/SR-D1 His Protein

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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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