

# 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	
Description	Novus Biologicals Mouse CD68/SR-D1 Antibody (3F7D3) - BSA Free (NBP2-37265) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-CD68/SR-D1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, 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.

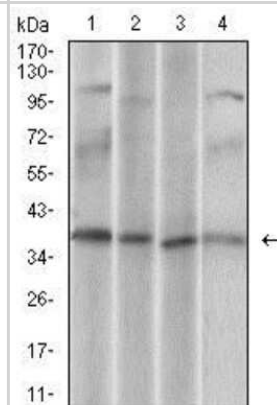


## Images

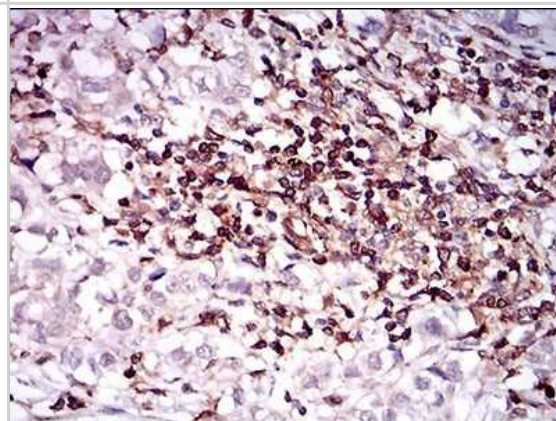
Immunocytochemistry/Immunofluorescence: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Immunofluorescence analysis of Hela cells using CD68 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



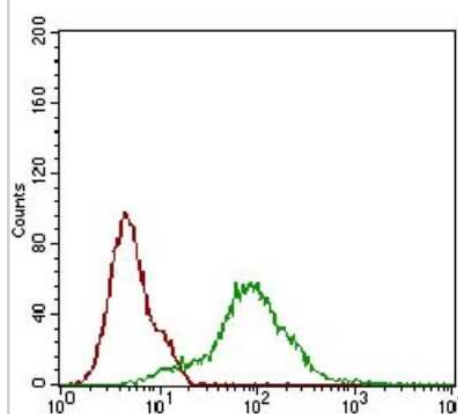
Western Blot: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Western blot analysis using CD68 mouse mAb against U937 (1), Hela (2), HepG2 (3), Jurkat (4) cell lysate.



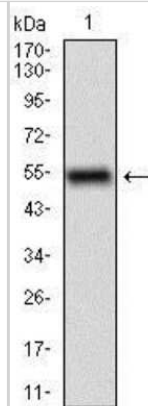
Immunohistochemistry-Paraffin: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Analysis of bladder cancer tissues using CD68 mouse mAb with DAB staining.



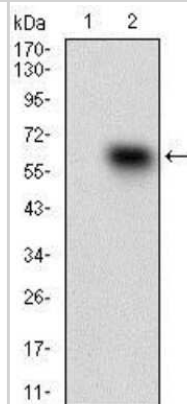
Flow Cytometry: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Flow cytometric analysis of Hela cells using CD68 mouse mAb (green) and negative control (red).



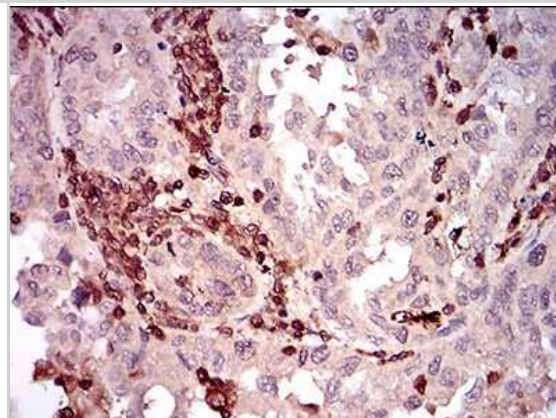
Western Blot: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Western blot analysis using CD68 mAb against human CD68 (AA: 42-155) recombinant protein. (Expected MW is 37.4 kDa)



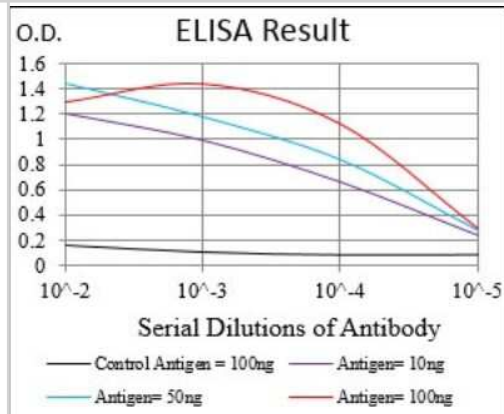
Western Blot: CD68/SR-D1 Antibody (3F7D3) [NBP2-37265] - Western blot analysis using CD68 mAb against HEK293 (1) and CD68 (AA: 42-155)-hlgGfc transfected HEK293 (2) cell lysate.



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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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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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