

# Product Datasheet

## CD68/SR-D1 Antibody (KP1) - Purified NBP2-79945

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP2-79945**

CD68/SR-D1 Antibody (KP1) - Purified

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	KP1
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS

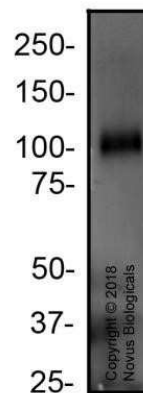
Product Description	
Host	Mouse
Gene ID	968
Gene Symbol	CD68
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 25058444)
Marker	Macrophage Marker
Immunogen	This CD68/SR-D1 Antibody (KP1) was developed against subcellular fraction of human alveolar macrophages.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1 ug/ml, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen

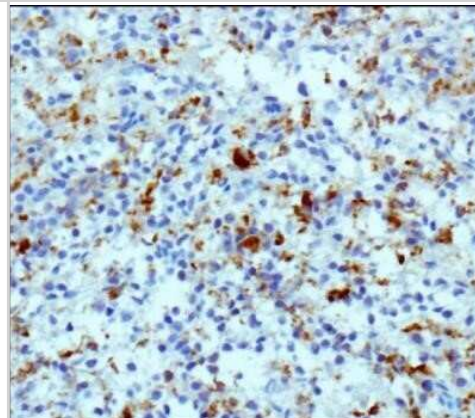


## Images

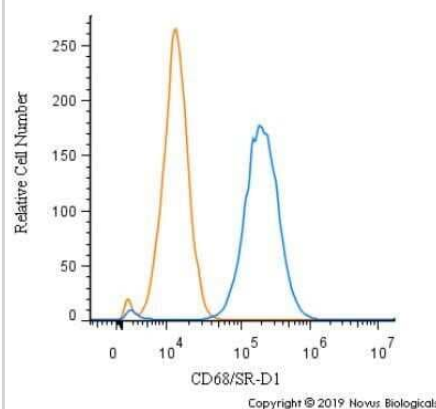
**Western Blot: CD68/SR-D1 Antibody (KP1) - Purified [NBP2-79945] -** Total protein from human spleen was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 1:50 anti-CD68 in 5% non-fat milk in TBST and detected with an anti-mouse HRP secondary antibody using chemiluminescence. Image using the standard format of this product.



**Immunohistochemistry-Paraffin: CD68/SR-D1 Antibody (KP1) - Purified [NBP2-79945] -** Analysis of a FFPE human spleen tissue section using 1:10 dilution of CD68/SR-D1 antibody (clone KP1) with HRP-DAB based detection method and hematoxylin counterstaining. The antibody specifically labelled the macrophage cells in the tested section. Image using the standard format of this product.



**Flow Cytometry: CD68/SR-D1 Antibody (KP1) - Purified [NBP2-79945] -** An intracellular stain was performed on THP-1 cells with CD68/SR-D1 Antibody NB100-683 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1:50 for 30 minutes at room temperature, followed by Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody. Image using the standard format of this product.





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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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