

Product Datasheet

CD68/SR-D1 Antibody (SPM130) [Alexa Fluor® 594] NBP2-34736AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34736AF594

CD68/SR-D1 Antibody (SPM130) [Alexa Fluor® 594]

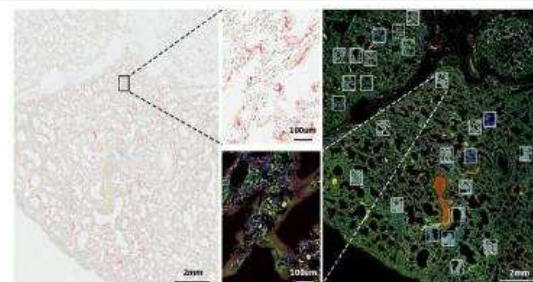
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SPM130
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 594
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	968
Gene Symbol	CD68
Species	Human, Feline, Monkey, Rabbit, Canine (Negative), Chicken (Negative), Porcine (Negative)
Reactivity Notes	Does not react with Porcine, Canine or Chicken.
Marker	Macrophage Marker
Specificity/Sensitivity	This antibody recognizes a glycoprotein of 110kDa, which is identified as CD68. It is important for identifying macrophages in tissue sections. It stains macrophages in a wide variety of human tissues, including Kupffer cells and macrophages in the red pulp of the spleen, in lamina propria of the gut, in lung alveoli, and in bone marrow. It reacts with myeloid precursors and peripheral blood granulocytes. It also reacts with plasmacytoid T cells, which are supposed to be of monocyte/macrophage origin. It shows strong granular cytoplasmic staining of chronic and acute myeloid leukemia and also reacts with rare cases of true histiocytic neoplasia. Lymphomas are negative or show few granules.
Immunogen	Subcellular fraction of human alveolar macrophages

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Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

Immunohistochemistry: CD68/SR-D1 Antibody (SPM130) [Alexa Fluor® 594] [NBP2-34736AF594] - Intrapulmonary heterogeneity of SARS-CoV-2 host response. Selection of ROIs. Left) SARS-CoV-2 RNA-ISH staining was used to guide ROI selection of viral positive and viral negative regions. (Scale bar = 2 mm). Right) multi-color immunofluorescence staining for CD45/red (NBP2-34527AF647), CD68/yellow (NBP2-34736AF594), PanCK/green, and DNA/blue were used in parallel to select ROIs. (Scale bar = 2 mm). Example ROIs are shown in insets. (Scale bar = 100 um). Image collected and cropped by CiteAb from the following publication ([//pubmed.ncbi.nlm.nih.gov/33298930/](https://pubmed.ncbi.nlm.nih.gov/33298930/)) licensed under a CC-BY license.





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Products Related to NBP2-34736AF594

IC002T	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 594]
NBP2-53081-50ug	Recombinant Human CD68/SR-D1 His Protein
210-TA-005	TNF-alpha [Unconjugated]
10301-SR-050	CD68/SR-D1 [Unconjugated]

Limitations

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