

Product Datasheet

CD4 Antibody NBP3-18057

Unit Size: 0.1 mg

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

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NBP3-18057

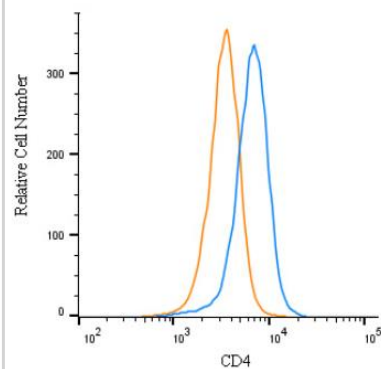
CD4 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	920
Gene Symbol	CD4
Species	Human, Mouse
Immunogen	Partial recombinant protein made to an N-terminal portion of human CD4 (amino acids 26-390) [UniProt P01730]
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 - 2 ug/ml, Flow Cytometry, Immunohistochemistry 1:200, Immunocytochemistry/Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry-Paraffin 1:200, Flow (Intracellular)



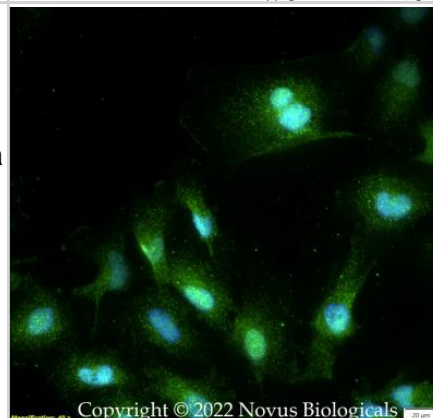
Images

Flow Cytometry: CD4 Antibody [NBP3-18057] - An intracellular stain was performed on Jurkat cells with CD4 Antibody NBP3-18057 (blue) and a matched isotype control NBP2-24891 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature, followed by Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, DyLight 550 (SA5-10033, Thermo Fisher).



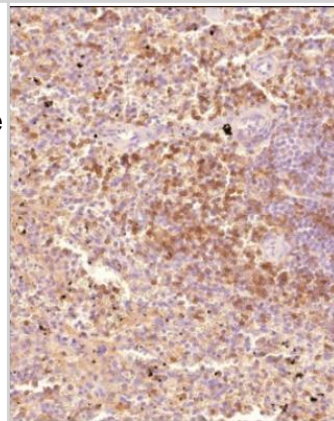
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Immunocytochemistry/Immunofluorescence: CD4 Antibody [NBP3-18057] - U-251 MG cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with CD4 Antibody (NBP3-18057) at 1ug/ml overnight at 4C and detected with an anti-rabbit DyLight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



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Immunohistochemistry-Paraffin: CD4 Antibody [NBP3-18057] - Analysis of a FFPE tissue section of human spleen using 1:200 dilution of CD4 antibody (NBP3-18057). The staining was developed using HRP labeled anti-rabbit secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin.





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Products Related to NBP3-18057

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB7156	Goat anti-Rabbit IgG (H+L) Secondary Antibody
NBP2-24891	Rabbit IgG Isotype Control
NBP2-50553-10ug	Recombinant Human CD4 His Protein

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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