

Product Datasheet

CD3 delta Antibody (2R1010)

NBP3-16881-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-16881-100ul

CD3 delta Antibody (2R1O10)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2R1O10
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	19 kDa

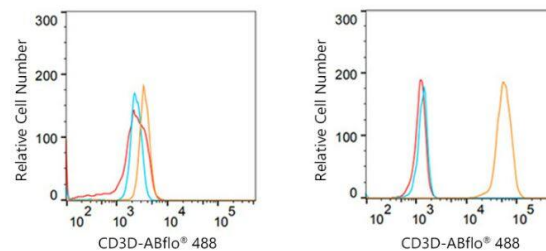
Product Description	
Description	Novus Biologicals Rabbit CD3 delta Antibody (2R1O10) (NBP3-16881) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	915
Gene Symbol	CD3D
Species	Human
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 72-171 of human CD3 delta (P04234). RCNGTDIYKDKESTVQVHYRMCQSCVELDPATVAGIIVTDVIATLLLALGVFCFA GHETGRLSGAADTQALLRNDQVYQPLRDRDDAQYSHLGGNWARNK

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, Flow Cytometry 1:50 - 1:200, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:200 - 1:800

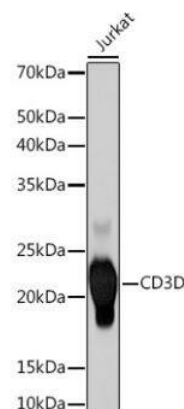


Images

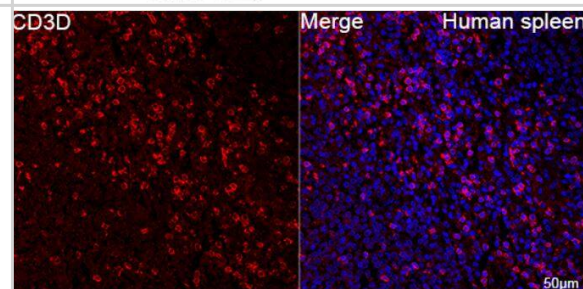
Flow Cytometry: CD3 delta Antibody (2R1O10) [NBP3-16881] - 1×10^6 Raji cells (negative control, left) and Jurkat cells (right) were surface-stained with CD3D Rabbit mAb (2.5 $\mu\text{g}/\text{mL}$ orange line) or ABflo® 488 IgG isotype control (2.5 $\mu\text{g}/\text{mL}$, blue line). Non-fluorescently stained cells were used as blank control (red line).



Western Blot: CD3 delta Antibody (2R1O10) [NBP3-16881] - Western blot analysis of extracts of Jurkat cells, using CD3 delta Rabbit mAb (NBP3-16881) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Immunohistochemistry-Paraffin: CD3 delta Antibody (2R1O10) [NBP3-16881] - Confocal imaging of paraffin-embedded Human spleen tissue using CD3D Rabbit mAb (dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.





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Products Related to NBP3-16881-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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