

Product Datasheet

CD19 Antibody (JF100-06)

NBP2-67229

Unit Size: 100 ul

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

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NBP2-67229

CD19 Antibody (JF100-06)

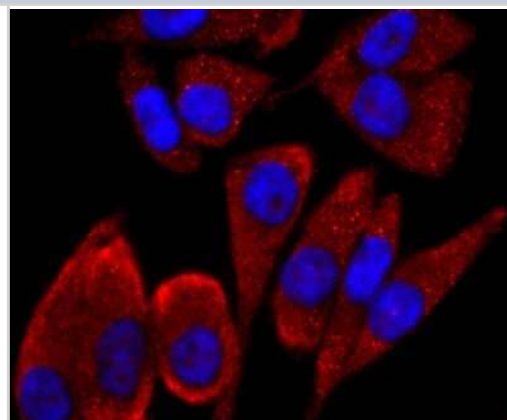
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JF100-06
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit CD19 Antibody (JF100-06) (NBP2-67229) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	930
Gene Symbol	CD19
Species	Human
Immunogen	Recombinant protein within Human CD19 aa 294-556 / 556. (SwissProt: P15391 Human)

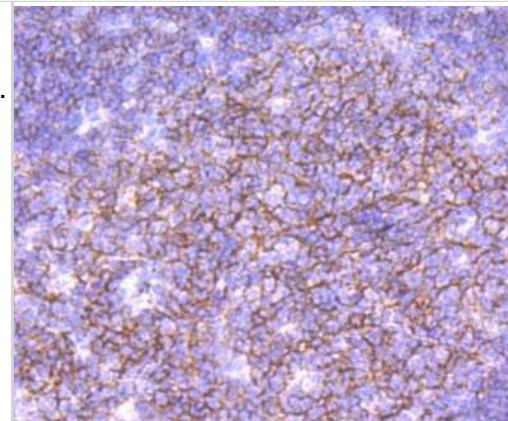
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:2000, Simple Western, Flow Cytometry 1:1,000, Immunohistochemistry 1:50-1:1,000, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:1,000
Application Notes	See Simple Western Antibody Database for Simple Western validation: Tested in Recombinant Human CD19 GST (N-Term) Protein (Catalog Number H00000930 -P01) and Daudi cell lysate at 0.2mg/ml; separated by size; antibody dilution of 1:100, apparent MW was 113, 139 kDa

Images

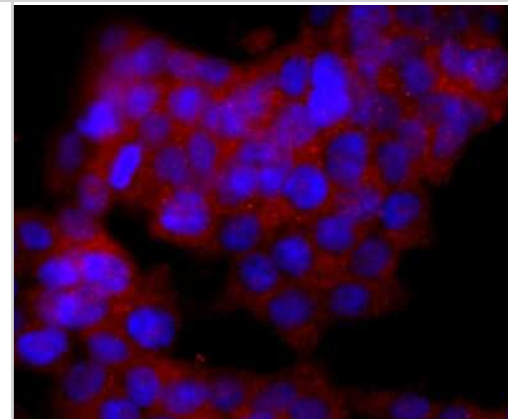
Immunocytochemistry/Immunofluorescence: CD19 Antibody (JF100-06) [NBP2-67229] - Staining CD19 in PC-3M cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



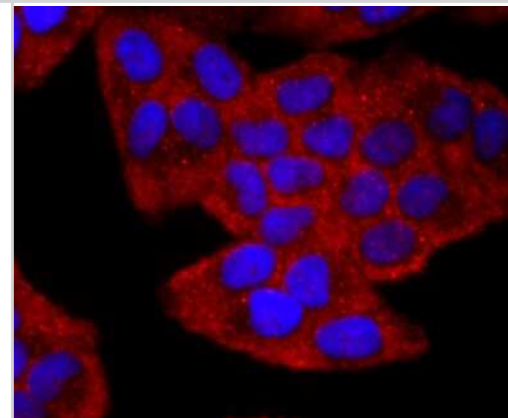
Immunohistochemistry-Paraffin: CD19 Antibody (JF100-06) [NBP2-67229] - Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD19 antibody. Counter stained with hematoxylin.



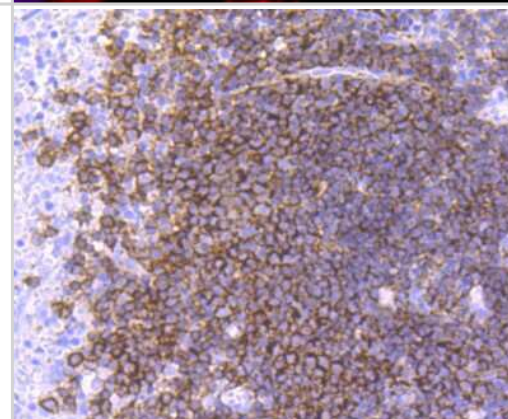
Immunocytochemistry/Immunofluorescence: CD19 Antibody (JF100-06) [NBP2-67229] - Staining CD19 in 293T cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



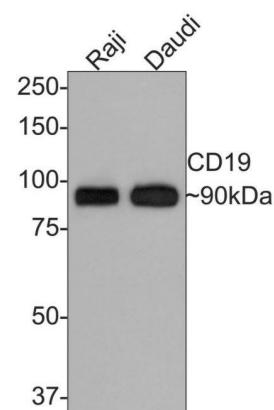
Immunocytochemistry/Immunofluorescence: CD19 Antibody (JF100-06) [NBP2-67229] - Staining CD19 in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



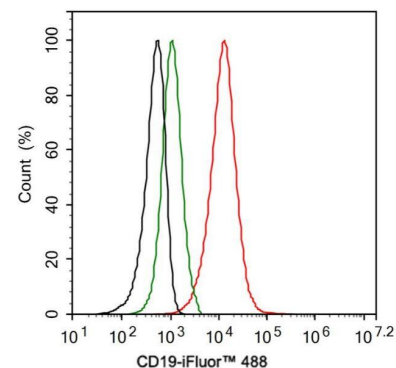
Immunohistochemistry-Paraffin: CD19 Antibody (JF100-06) [NBP2-67229] - Analysis of paraffin-embedded human spleen tissue using anti-CD19 antibody. Counter stained with hematoxylin.



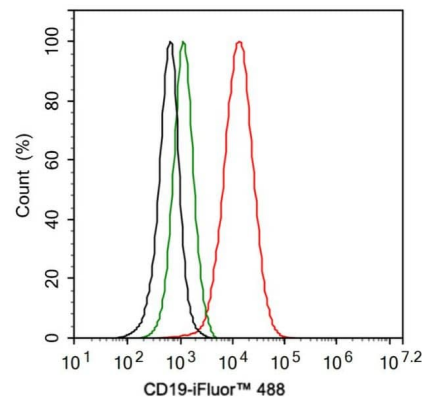
Western Blot: CD19 Antibody (JF100-06) [NBP2-67229] -Analysis of CD19 on different lysates with Rabbit anti-CD19 antibody at 1/1,000 dilution. Lane 1: Raji cell lysate Lane 2: Daudi cell lysate
Lysates/proteins at 10 ug/Lane. Predicted band size: 61 kDa Observed band size: 90 kDa Exposure time: 2 minutes; 8% SDS-PAGE gel.
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



Flow Cytometry: CD19 Antibody (JF100-06) [NBP2-67229] -Analysis of Daudi cells labeling CD19. Cells were fixed and permeabilized. Then stained with the primary antibody (1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



Flow Cytometry: CD19 Antibody (JF100-06) [NBP2-67229] -Analysis of Raji cells labeling CD19. Cells were fixed and permeabilized. Then stained with the primary antibody (1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP2-67229

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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