

Product Datasheet

CD4 Antibody (BLR167J) NBP3-14741

Unit Size: 100 ul

Store at 2 - 8 C / 1 year from date of receipt

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Updated 9/2/2025 v.20.1

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NBP3-14741

CD4 Antibody (BLR167J)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 2 - 8 C / 1 year from date of receipt
Clonality	Monoclonal
Clone	BLR167J
Preservative	0.09% Sodium Azide
Purity	>95%
Buffer	Borate Buffered Saline (BBS) pH 8.2 with BSA Free

Product Description

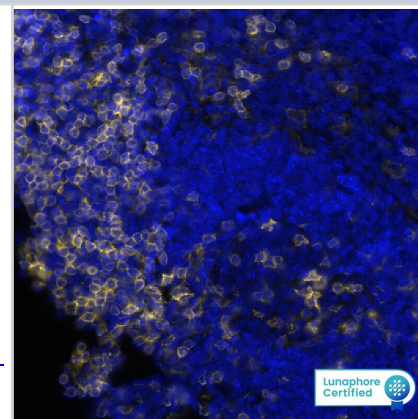
Host	Rabbit
Gene ID	920
Gene Symbol	CD4
Species	Mouse
Immunogen	between 407 and 457 (C-term)

Product Application Details

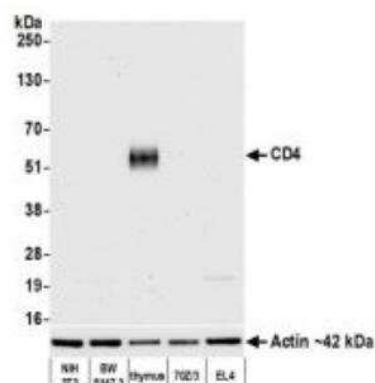
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:100 - 1:500, Immunoprecipitation 6 ul/1 mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500, Multiplex Immunofluorescence 1:250
Application Notes	For Immunohistochemistry, epitope retrieval with Tris-EDTA pH9.0 is recommended for Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.

Images

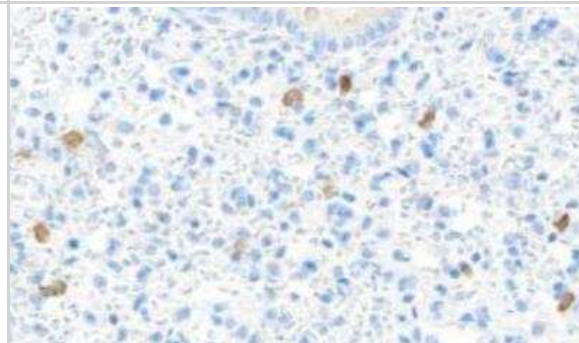
CD4 was detected in immersion fixed paraffin-embedded sections of mouse spleen using Rabbit Anti-Mouse CD4, Monoclonal Antibody (Catalog# NBP3-14741) at 1:250 dilution at 37° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen retrieval preprocessing using PreTreatment Module (PT Module) and Dewax and HIER Buffer H (pH 9; EpreDia Catalog #TA-999-DHBH). Tissue was stained using the Alexa Fluor™ Plus 647 Goat anti-Rabbit IgG Secondary Antibody at 1:200 at 37 ° Celsius for 2 minutes. (Yellow; Lunaphore Catalog # [DR647RB](#)) and counterstained with DAPI (blue; Lunaphore Catalog # [DR100](#)). Specific staining was localized to the membrane. Protocol available in [COMET™ Panel Builder](#).



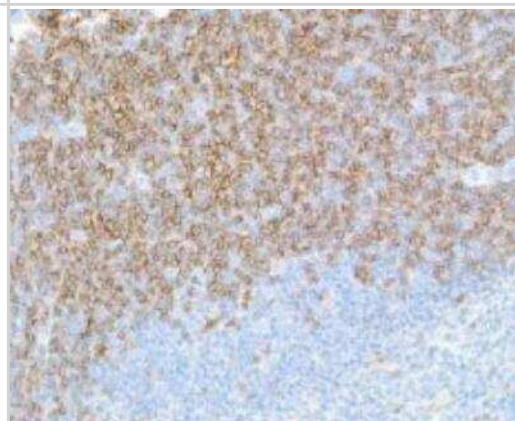
Western Blot: CD4 Antibody (BLR167J) [NBP3-14741] - Whole cell lysate (10 ug) from NIH 3T3, BW5147.3, mouse Thymus, 70Z/3, and EL4 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD4 recombinant monoclonal antibody [BLR167J] used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F].



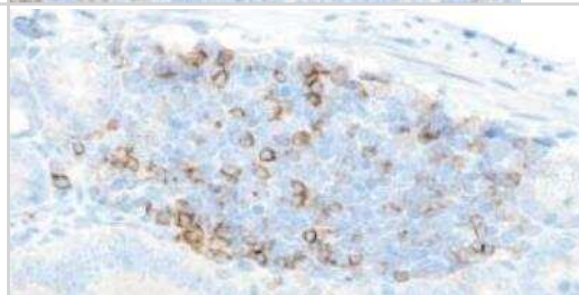
Immunohistochemistry-Paraffin: CD4 Antibody (BLR167J) [NBP3-14741] - Mouse lung, : Rabbit anti-CD4 recombinant monoclonal antibody [BLR167J]. Secondary: HRP-conjugated goat anti-rabbit IgG Substrate: DAB.



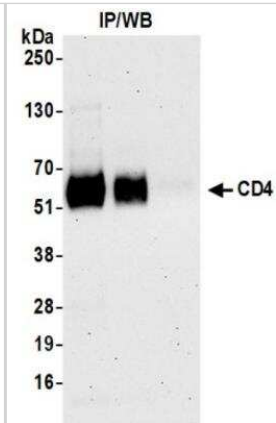
Immunohistochemistry-Paraffin: CD4 Antibody (BLR167J) [NBP3-14741] - Mouse spleen, Rabbit anti-CD4 recombinant monoclonal antibody [BLR167J]. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



Immunohistochemistry-Paraffin: CD4 Antibody (BLR167J) [NBP3-14741] - Mouse gut, Rabbit anti-CD4 recombinant monoclonal antibody [BLR167J]. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



Immunoprecipitation: CD4 Antibody [NBP3-14741] - s: Whole cell lysate (200 ug per IP reaction; 10% of IP loaded) from mouse thymus. Antibodies: Rabbit anti-CD4 recombinant monoclonal antibody used for IP at 6 ul/200 ug lysate. CD4 was also immunoprecipitated by another antibody against a different epitope of CD4 For blotting immunoprecipitated CD4, was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.





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Products Related to NBP3-14741

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-19371PEP	CD4 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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