

Product Datasheet

Rabbit anti-CD4 Recombinant Monoclonal Antibody [BLR167J] (orb1519574)

Description	CD4 Antibody
Species/Host	Rabbit
Reactivity	Mouse
Conjugation	Unconjugated
Tested Applications	IHC, IP, WB
Immunogen	Between 407 and C-terminus
Target	CD4
Preservatives	Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, rAlbumin-Free
Form/Appearance	Whole IgG
Concentration	1000 µg/ml
Storage	2 - 8°C
Note	For research use only
Application notes	Format: Whole IgG
Clonality	Recombinant
Uniprot ID	P06332
NCBI	NP_038516.1
Dilution Range	WB - 1:1,000; IP - 6 µl/1 mg lysate; IHC - 1:100 to 1:500. Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.

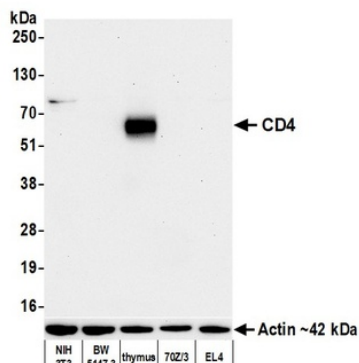
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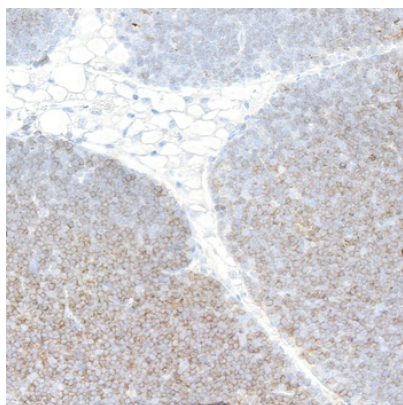
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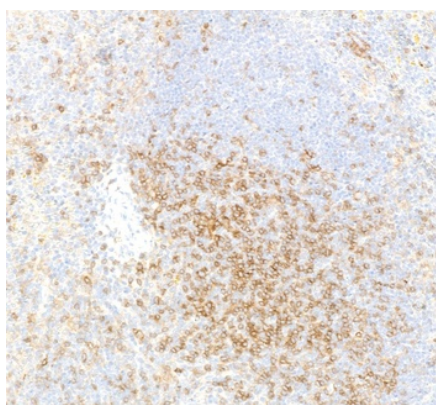
Expiration Date 12 months from date of receipt.



Detection of mouse CD4 by western blot. Samples: Whole cell lysate (10 μ g) from NIH 3T3, BW5147.3, thymus, 70Z/3, and EL4 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD4 recombinant monoclonal antibody (orb1519574) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody.



Detection of mouse CD4 by immunohistochemistry. Sample: FFPE section of mouse thymus. Antibody: Rabbit anti-CD4 recombinant monoclonal antibody (orb1519574). Secondary: HRP-conjugated goat anti-rabbit IgG.



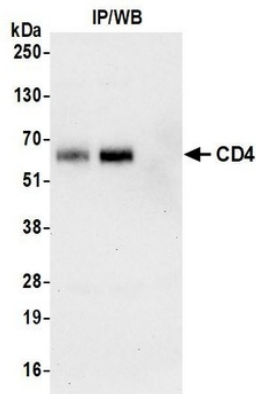
Detection of mouse CD4 by immunohistochemistry. Sample: FFPE section of mouse spleen. Antibody: Rabbit anti-CD4 recombinant monoclonal antibody (orb1519574). Secondary: HRP-conjugated goat anti-rabbit IgG.

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Detection of mouse CD4 by western blot of immunoprecipitates. Samples: Whole cell lysate (200 µg per IP reaction; 20% of IP loaded) from mouse thymus. Antibodies: Rabbit anti-CD4 recombinant monoclonal antibody (orb1519574) used for IP at 6 µl/200 µg lysate. CD4 was also immunoprecipitated by a previous lot of this antibody (orb1519574). For blotting immunoprecipitated CD4, orb1519574 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 75 seconds.

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