

Product Datasheet

CD45 Antibody (BL-178-12C7)

NBP3-14668

Unit Size: 100 ul

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

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NBP3-14668

CD45 Antibody (BL-178-12C7)

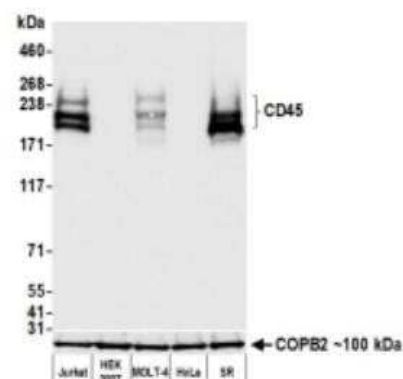
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 2 - 8 C / 1 year from date of receipt
Clonality	Monoclonal
Clone	BL-178-12C7
Preservative	0.09% Sodium Azide
Purity	>95%
Buffer	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and

Product Description	
Description	Novus Biologicals Rabbit CD45 Antibody (BL-178-12C7) (NBP3-14668) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5788
Gene Symbol	PTPRC
Species	Human
Immunogen	between 1200 and 1250

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1 µl per 1 X 10 ⁶ cells , Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 20 ul/mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500, Multiplex Immunofluorescence
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

Images

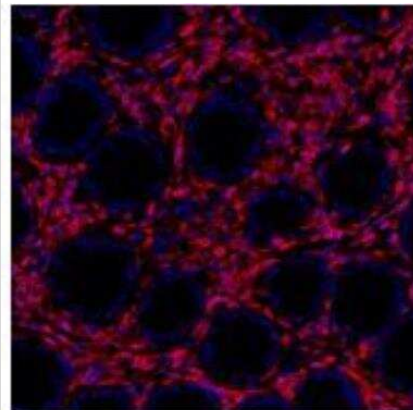
Western Blot: CD45 Antibody (BL-178-12C7) [NBP3-14668] - Whole cell lysate (50 ug) from Jurkat, HEK293T, MOLT-4, HeLa, and SR cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD45 recombinant monoclonal antibody [BL-178-12C7] used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Chemiluminescence with an exposure time of 1 second. Lower Panel: Rabbit anti-COPB2 antibody.



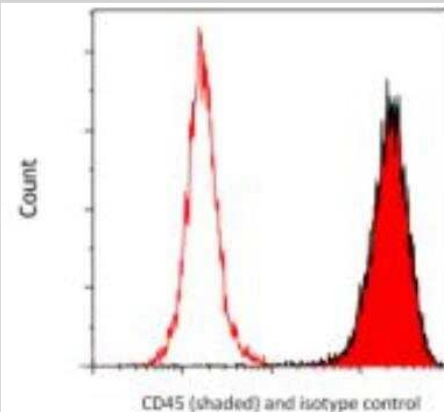
Immunocytochemistry/Immunofluorescence: CD45 Antibody (BL-178-12C7) [NBP3-14668] - CD45 Antibody [NBP3-14668] - Antibody: Rabbit anti-CD45 recombinant monoclonal antibody [BL-178-12C7] (A700-012). Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



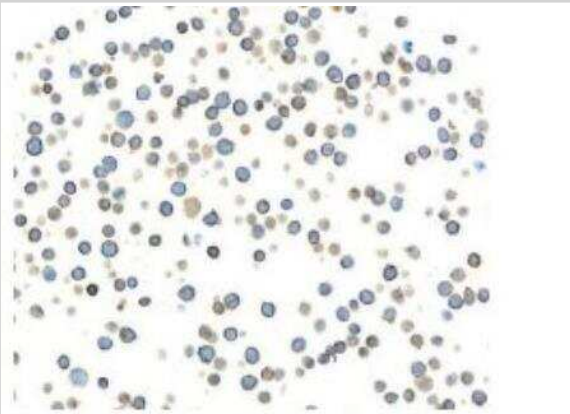
Immunohistochemistry: CD45 Antibody [NBP3-14668] - Sample: FFPE section of human colon carcinoma. Antibody: Rabbit anti-CD45 recombinant monoclonal antibody used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: Opal™. Counterstain: DAPI (blue).



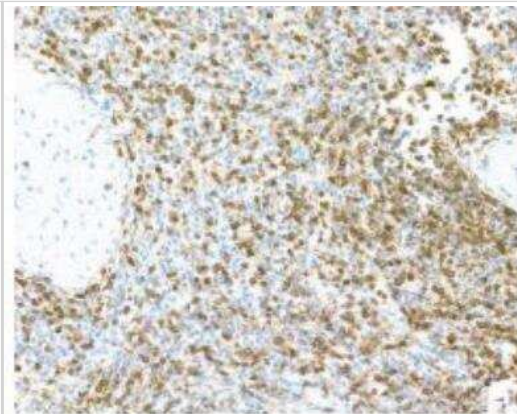
Flow Cytometry: CD45 Antibody [NBP3-14668] - Sample: Jurkat cells were fixed in 4% formaldehyde and permeabilized with 90% methanol. Antibody: 1E6 cells were incubated with 1 ul of rabbit anti-CD45 recombinant monoclonal antibody (red shaded) or isotype control (unshaded). Secondary: DyLight® 650-conjugated goat anti-rabbit IgG.



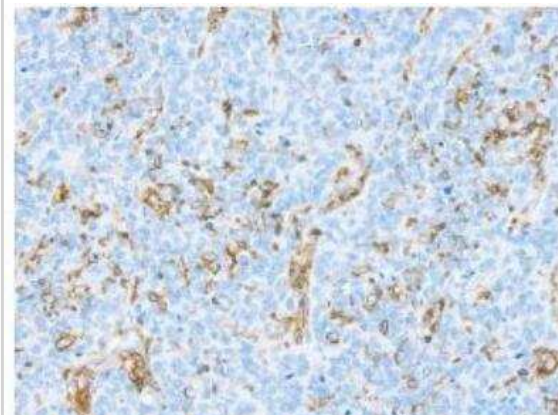
Immunocytochemistry/Immunofluorescence: CD45 Antibody (BL-178-12C7) [NBP3-14668] - CD45 Antibody [NBP3-14668] - Antibody: Rabbit anti-CD45 recombinant monoclonal antibody. Secondary: HRP-conjugated goat antirabbit IgG. Substrate: DAB.



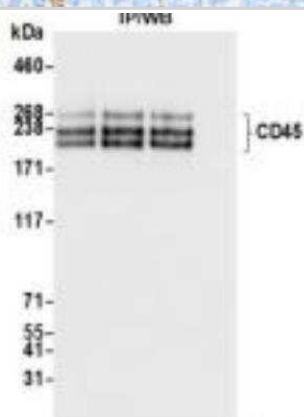
Immunohistochemistry-Paraffin: CD45 Antibody (BL-178-12C7) [NBP3-14668] - CD45 Antibody [NBP3-14668] - Antibody: Rabbit anti-CD45 recombinant monoclonal antibody. Secondary: HRP-conjugated goat antirabbit IgG .Substrate: DAB.



Immunohistochemistry-Paraffin: CD45 Antibody (BL-178-12C7) [NBP3-14668] - CD45 Antibody [NBP3-14668] - Antibody: Rabbit anti-CD45 recombinant monoclonal antibody. Secondary: HRP-conjugated goat antirabbit IgG.Substrate: DAB.



Immunoprecipitation: CD45 Antibody [NBP3-14668] - Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-CD45 recombinant monoclonal antibody used for IP at 20 ul/mg lysate. CD45 was also immunoprecipitated by a previous lot of this antibody and rabbit anti-CD45 antibody . For blotting immunoprecipitated CD45, was used at 1:1000. Chemiluminescence with an exposure time of 250 milliseconds.





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Products Related to NBP3-14668

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]
NBP2-51591-0.02mg	Recombinant Human CD45 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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