

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)

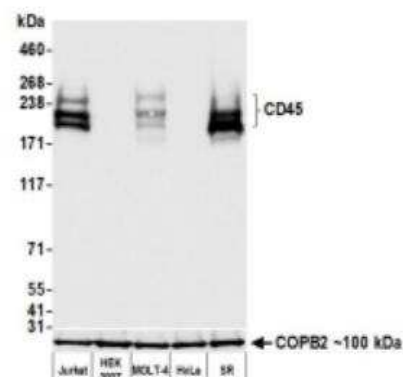
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 2 - 8 C / 1 year from date of receipt
Clonality	Monoclonal
Clone	BL-178-12C7
Preservative	0.09% Sodium Azide
Purity	>95%
Buffer	Borate Buffered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

Product Description	
Host	Rabbit
Gene ID	5788
Gene Symbol	PTPRC
Species	Human
Immunogen	between 1200 and 1250

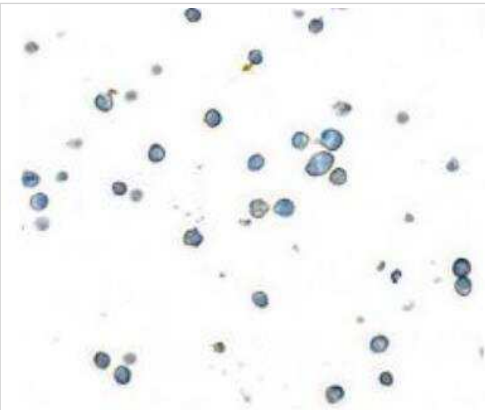
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/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

Images

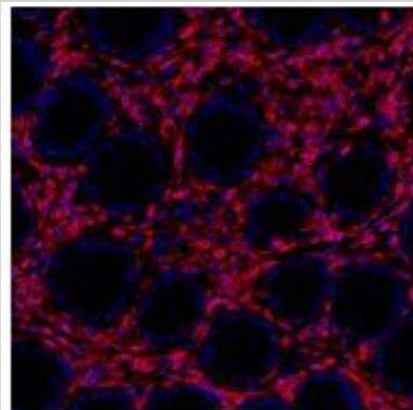
Western Blot: CD45 Antibody (BL-178-12C7) [NBP3-14668] - Whole cell lysate (50 ug) from Jurkat, HEK293T, MOLT-4, HeLa, and SR cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD45 recombinant monoclonal antibody [BL-178-12C7] used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG.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



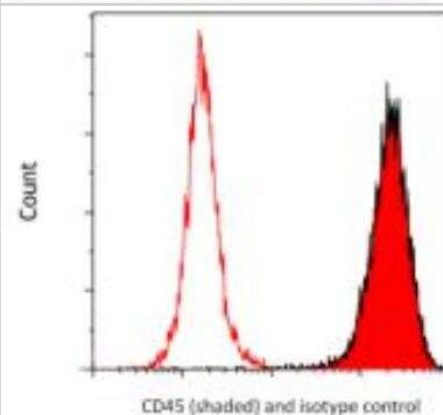
Immunocytochemistry/Immunofluorescence: CD45 Antibody (BL-178-12C7) [NBP3-14668] - CD45 Antibody [NBP3-14668] - Antibody: Rabbit anti-CD45 recombinant monoclonal antibody [BL-178-12C7] (A700-012). Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



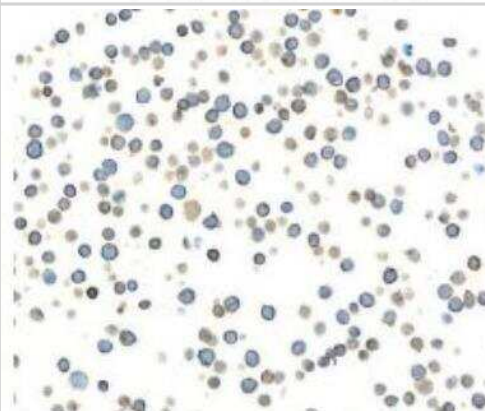
Immunohistochemistry: CD45 Antibody [NBP3-14668] - Sample: FFPE section of human colon carcinoma. Antibody: Rabbit anti-CD45 recombinant monoclonal antibody used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: Opal™. Counterstain: DAPI (blue).



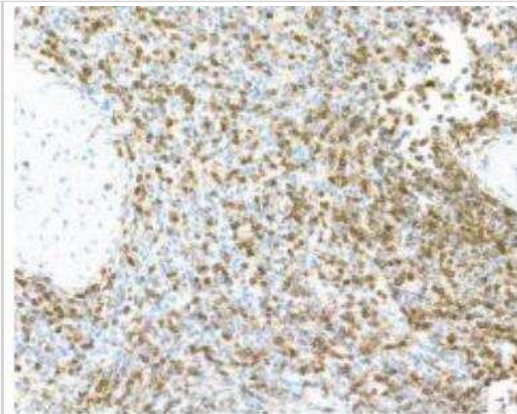
Flow Cytometry: CD45 Antibody [NBP3-14668] - Sample: Jurkat cells were fixed in 4% formaldehyde and permeabilized with 90% methanol. Antibody: 1E6 cells were incubated with 1 ul of rabbit anti-CD45 recombinant monoclonal antibody (red shaded) or isotype control (unshaded). Secondary: DyLight® 650-conjugated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



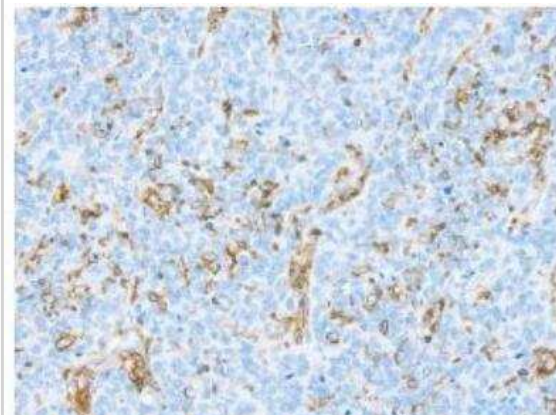
Immunocytochemistry/Immunofluorescence: CD45 Antibody (BL-178-12C7) [NBP3-14668] - CD45 Antibody [NBP3-14668] - Antibody: Rabbit anti-CD45 recombinant monoclonal antibody. Secondary: HRP-conjugated goat antirabbit IgG. Substrate: DAB.



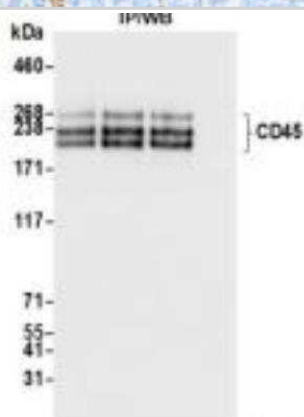
Immunohistochemistry-Paraffin: CD45 Antibody (BL-178-12C7) [NBP3-14668] - CD45 Antibody [NBP3-14668] - Antibody: Rabbit anti-CD45 recombinant monoclonal antibody. Secondary: HRP-conjugated goat antirabbit IgG .Substrate: DAB.



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

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
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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