

# Product Datasheet

## CD47 Antibody (BLR131H)

### NBP3-14713

Unit Size: 100 ul

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

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**NBP3-14713**

CD47 Antibody (BLR131H)

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 2 - 8 C / 1 year from date of receipt
<b>Clonality</b>	Monoclonal
<b>Clone</b>	BLR131H
<b>Preservative</b>	0.09% Sodium Azide
<b>Purity</b>	>95%
<b>Buffer</b>	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and

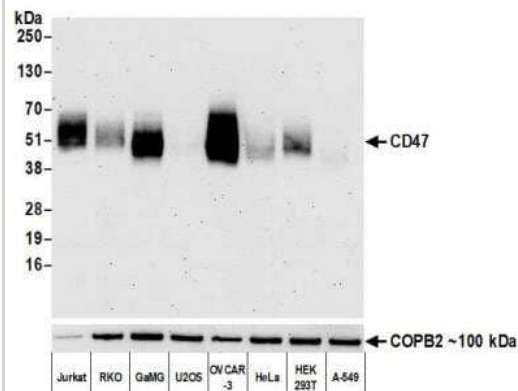
Product Description	
<b>Description</b>	Novus Biologicals Rabbit CD47 Antibody (BLR131H) (NBP3-14713) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	961
<b>Gene Symbol</b>	CD47
<b>Species</b>	Human
<b>Immunogen</b>	residues 19-142 (ECD)

Product Application Details	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Simple Western 1:10 - 1:250, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunohistochemistry-Paraffin 1:100 - 1:500
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in Jurkat [0.4 mg/mL], separated by Size, antibody dilution of 1:10, 1:50, 1:250, apparent MW was 138-142 kDa

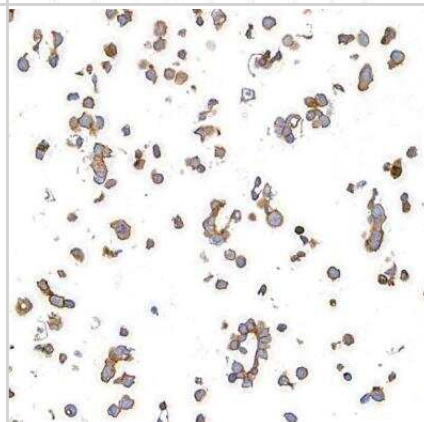


## Images

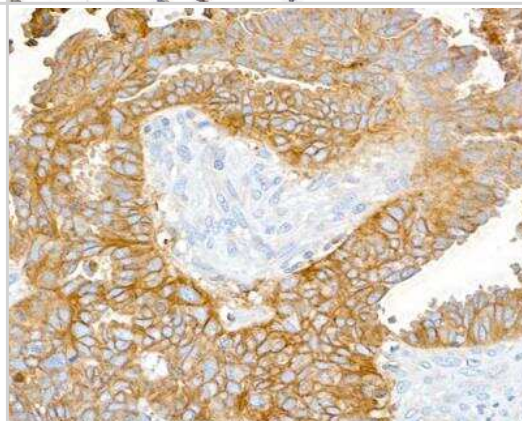
Western Blot: CD47 Antibody (BLR131H) [NBP3-14713] - Whole cell lysate (2 ug) from Jurkat, RKO, GaMG, U2OS, OVCAR-3, HeLa, HEK293T, and A-549 cells prepared using NETN lysis buffer. Rabbit anti-CD47 recombinant monoclonal antibody used at 1:1000. secondary HRP-conjugated goat anti-rabbit IgG . Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-COPB2 antibody.



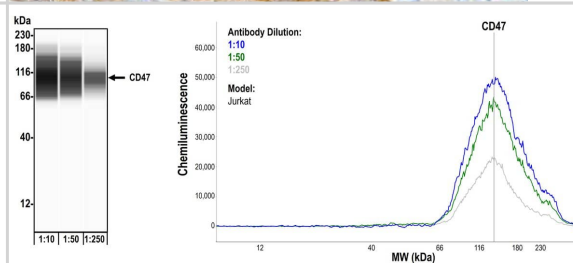
Immunocytochemistry: CD47 Antibody (BLR131H) [NBP3-14713] - Whole cell lysate (2 ug) from Jurkat, RKO, GaMG, U2OS, OVCAR-3, HeLa, HEK293T, and A-549 cells prepared using NETN lysis buffer.



Immunohistochemistry: CD47 Antibody (BLR131H) [NBP3-14713] - Whole cell lysate (2 ug) from Jurkat, RKO, GaMG, U2OS, OVCAR-3, HeLa, HEK293T, and A-549 cells prepared using NETN lysis buffer. secondary Rabbit anti-CD47 recombinant monoclonal antibody used at 1:1000.



Simple Western: CD47 Antibody (BLR131H) [NBP3-14713] - Detection of human CD47 by Simple Western. Samples: Whole cell lysate (0.4 mg/mL) from Jurkat cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD47 recombinant monoclonal antibody [BLR131H] (NBP3-14713) used at 1:10, 1:50, 1:250. Separation and Detection: SallySue ProteinSimple instrument with the 12-230 kDa separation module and anti-Rabbit detection module. Left Panel: Virtual Lane View. Right Panel: Electropherogram. Image validated internally.





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### **Products Related to NBP3-14713**

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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]
NBP2-52320-0.05mg	Recombinant Human CD47 hIgG-His Protein

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### **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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