

# Product Datasheet

## CD47 Antibody (CL6913) - BSA Free NBP2-76511

Unit Size: 100  $\mu$ l

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-76511**

CD47 Antibody (CL6913) - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL6913
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, pH 7.2, containing 40% glycerol

**Product Description**

<b>Description</b>	Novus Biologicals Mouse CD47 Antibody (CL6913) - BSA Free (NBP2-76511) is a monoclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	961
<b>Gene Symbol</b>	CD47
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from Q08722, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

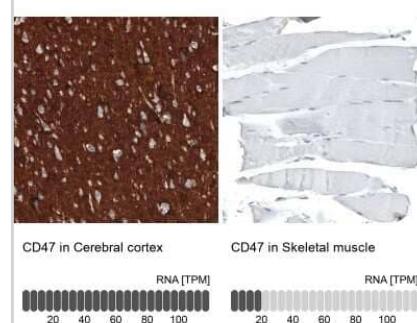
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

Immunohistochemistry-Paraffin: CD47 Antibody (CL6913) [NBP2-76511]

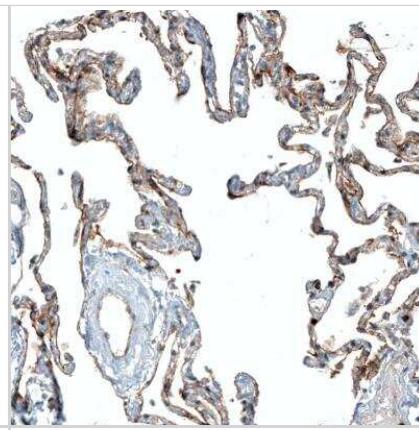
- Analysis in human cerebral cortex and skeletal muscle tissues.

Corresponding CD47 RNA-seq data are presented for the same tissues.



## Immunohistochemistry-Paraffin: CD47 Antibody (CL6913) [NBP2-76511]

- Staining of human lung shows moderate membranous positivity in pneumocytes.



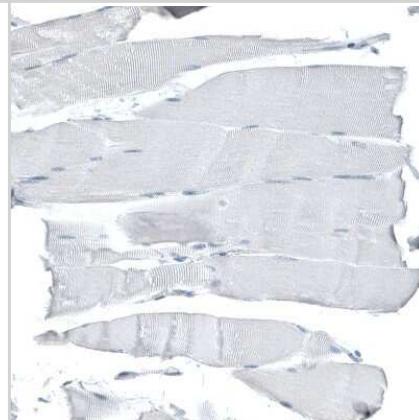
## Immunohistochemistry-Paraffin: CD47 Antibody (CL6913) [NBP2-76511]

- Staining of human cerebral cortex shows strong positivity in neuropil.



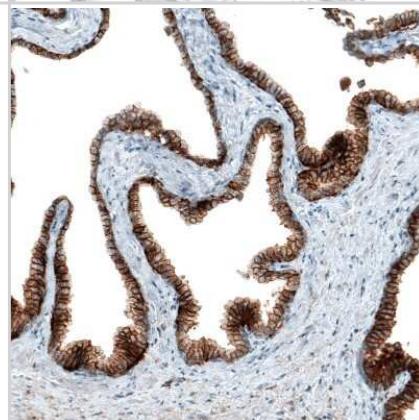
## Immunohistochemistry-Paraffin: CD47 Antibody (CL6913) [NBP2-76511]

- Staining of human skeletal muscle shows no positivity in striated muscle fibers as expected.



## Immunohistochemistry-Paraffin: CD47 Antibody (CL6913) [NBP2-76511]

- Staining of human prostate shows strong membranous positivity in glandular cells.





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## Products Related to NBP2-76511

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-52320-0.05mg	Recombinant Human CD47 hIgG-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](http://www.novusbio.com/guarantee)

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