

# Product Datasheet

## CD14 Antibody - BSA Free NBP1-86166

Unit Size: 0.1 ml

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

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**NBP1-86166**

CD14 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<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>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

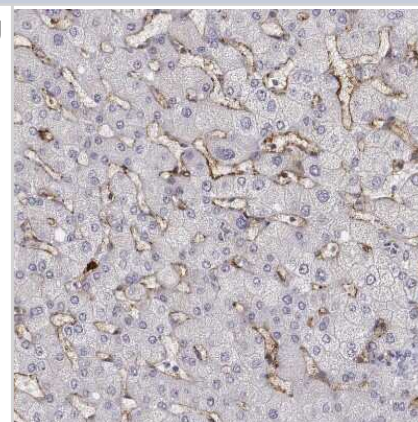
<b>Description</b>	Novus Biologicals Rabbit CD14 Antibody - BSA Free (NBP1-86166) is a polyclonal antibody validated for use in IHC and WB. Anti-CD14 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	929
<b>Gene Symbol</b>	CD14
<b>Species</b>	Human
<b>Reactivity Notes</b>	Reactivity reported in scientific literature (PMID: 24743550)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LRNTGMETPTGVCAALAAAGVQPHSLDLSHNSLRATVNPSAPRCMWSSALNS LNLSFAGLEQVPKGLPAKLRVLDLSCNRLNRAPQPDELPEVDNLTLDGNPFLVP GTALPHEGSMNSGVVPACARSTLSVGVSGTLVLLQG

**Product Application Details**

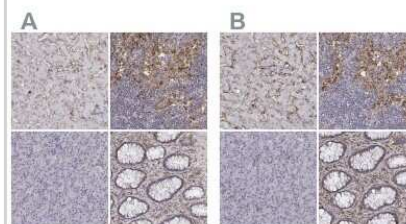
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200-1:500
<b>Application Notes</b>	IHC-P reported in scientific literature (PMID: 30049749). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

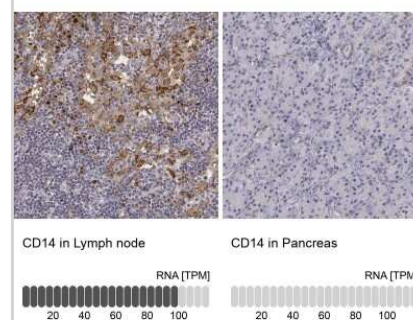
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Staining of human liver shows moderate to strong membranous positivity in hepatic sinusoid cells.



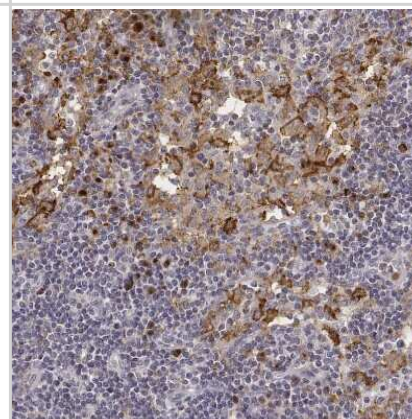
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Staining of human liver, lymph node, pancreas and rectum using Anti-CD14 antibody NBP1-86166 (A) shows similar protein distribution across tissues to independent antibody NBP1-86168 (B).



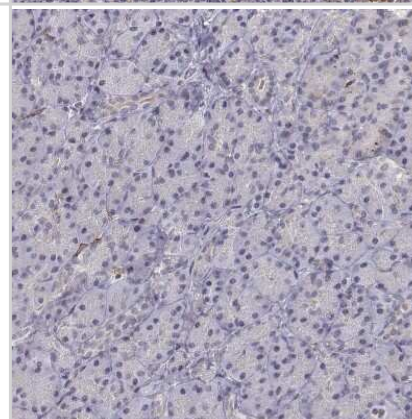
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Analysis in human lymph node and pancreas tissues. Corresponding CD14 RNA-seq data are presented for the same tissues.



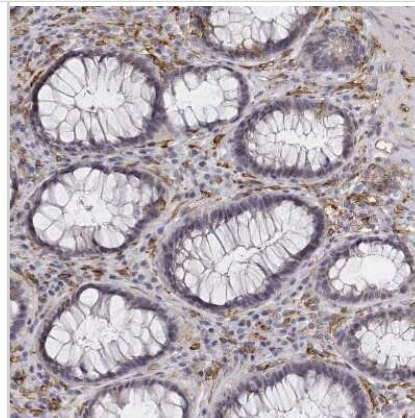
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Staining of human lymph node shows moderate to strong membranous positivity in lymphoid cells.



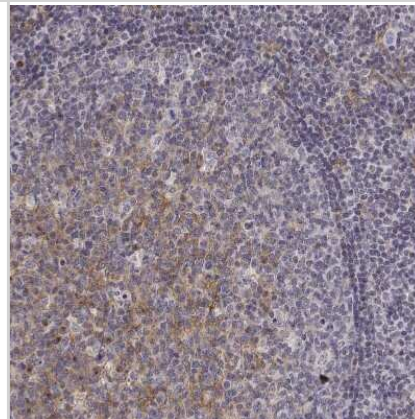
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



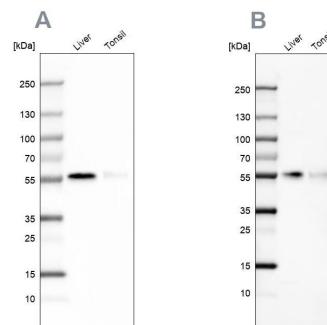
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Staining of human rectum shows moderate to strong cytoplasmic positivity in lymphoid cells.



Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Staining of human tonsil shows moderate membranous positivity in germinal center cells.



Analysis using Anti-CD14 antibody NBP1-86166 (A) shows similar pattern to independent antibody NBP1-86168 (B).



## Publications

kobaYashi M, Chung JS, Beg M et al. Blocking monocytic myeloid-derived suppressor cell function via anti-DC-HIL/GPNMB antibody restores the in vitro integrity of T-cells from cancer patients. Clin. Cancer Res. 2018-07-26 [PMID: 30049749] (IHC-P, Human)

Bachmann J, Burte F, Pramana S et al. Affinity Proteomics Reveals Elevated Muscle Proteins in Plasma of Children with Cerebral Malaria. PLoS Pathog 2014-04-01 [PMID: 24743550]

Wu CC, Hsu CW, Chen CD et al. Candidate Serological Biomarkers for Cancer Identified from the Secretomes of 23 Cancer Cell Lines and the Human Protein Atlas. Mol Cell Proteomics 2010-06-01 [PMID: 20124221]



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### **Products Related to NBP1-86166**

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NBP1-86166PEP	CD14 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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