

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

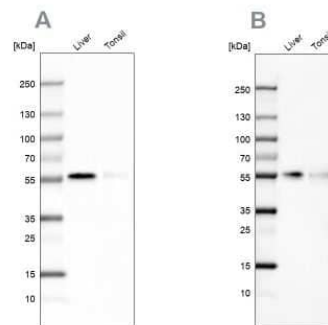
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	929
Gene Symbol	CD14
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24743550)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LRNTGMETPTGVCAALAAAGVQPHSLDLSHNSLRATVNPSPAPRCMWSSALNS LNLSFAGLEQVPKGLPAKLRVLDLSCNRLNRAPQPDELPEVDNLTLDGNPFLVP GTALPHEGSMNSGVVPACARSTLSVGVSGTLVLLQG

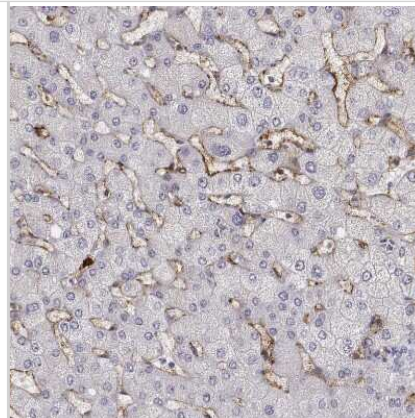
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	IHC-P reported in scientific literature (PMID: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

Images

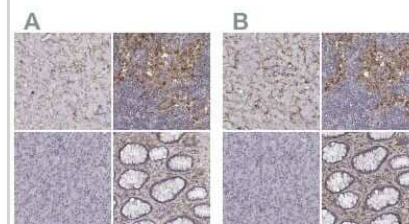
Western Blot: CD14 Antibody [NBP1-86166] - Analysis using Anti-CD14 antibody NBP1-86166 (A) shows similar pattern to independent antibody NBP1-86168 (B).



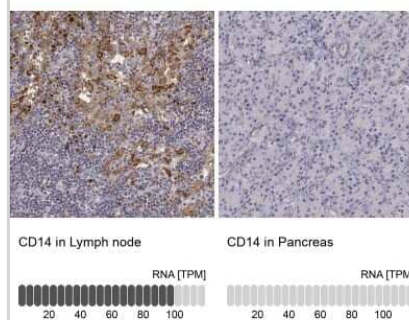
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Staining of human liver shows moderate to strong membranous positivity in hepatic sinusoid cells.



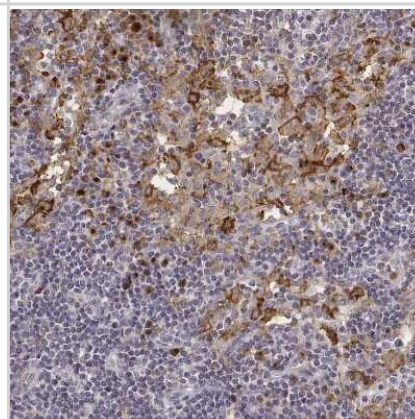
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Staining of human liver, lymph node, pancreas and rectum using Anti-CD14 antibody NBP1-86166 (A) shows similar protein distribution across tissues to independent antibody NBP1-86168 (B).



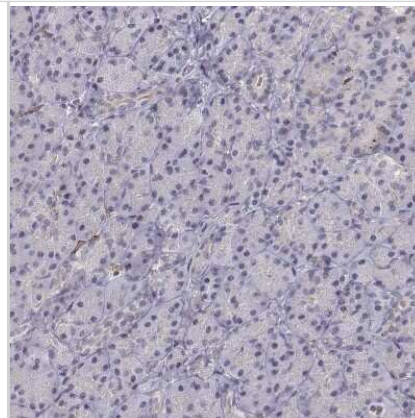
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Analysis in human lymph node and pancreas tissues. Corresponding CD14 RNA-seq data are presented for the same tissues.



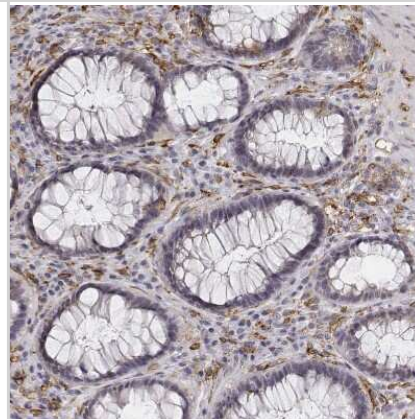
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Staining of human lymph node shows moderate to strong membranous positivity in lymphoid cells.



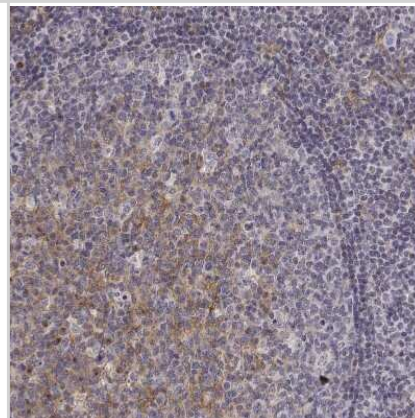
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86166] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



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.



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

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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