

Product Datasheet

CD14 Antibody - BSA Free NBP1-86168

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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NBP1-86168

CD14 Antibody - BSA Free

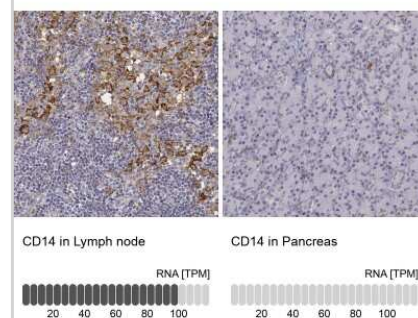
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium 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
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PCELDDDFRCVCFNFSEPPQDWSEAFQCVS AVEVEIHAGGLNLEPFLKRVDAD ADPRQYADTVKALRVRRRLTVGAAQVPAQLLVGALRVLAYSRLKELTLEDLKITG TMPPLPLEATGLALSSL

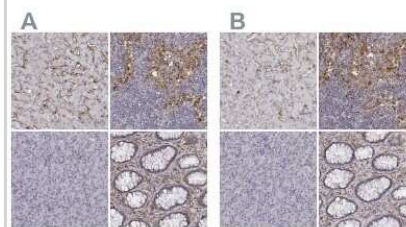
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

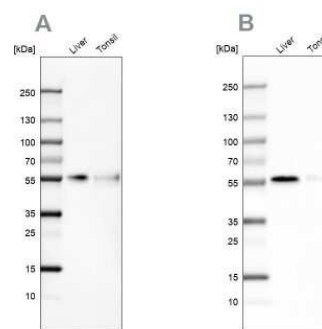
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86168] - Analysis in human lymph node and pancreas tissues. Corresponding CD14 RNA-seq data are presented for the same tissues.



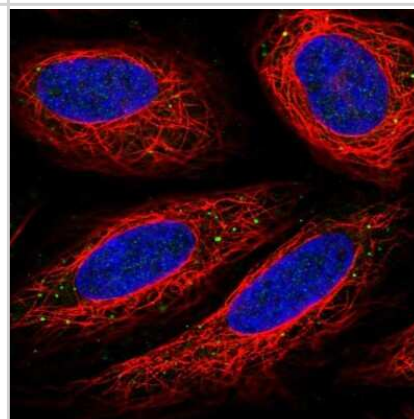
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86168] - Staining of human liver, lymph node, pancreas and rectum using Anti-CD14 antibody NBP1-86168 (A) shows similar protein distribution across tissues to independent antibody NBP1-86166 (B).



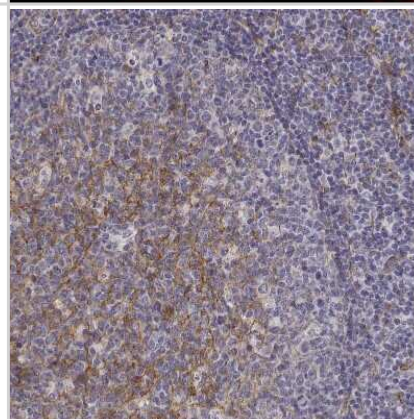
Western Blot: CD14 Antibody [NBP1-86168] - Analysis using Anti-CD14 antibody NBP1-86168 (A) shows similar pattern to independent antibody NBP1-86166 (B).



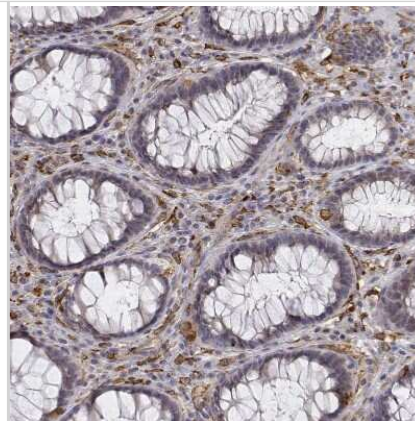
Immunocytochemistry/Immunofluorescence: CD14 Antibody [NBP1-86168] - Staining of human cell line SiHa shows localization to vesicles. Antibody staining is shown in green.



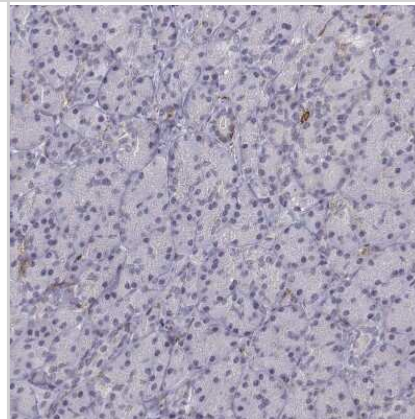
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86168] - Staining of human tonsil shows moderate membranous positivity in germinal center cells.



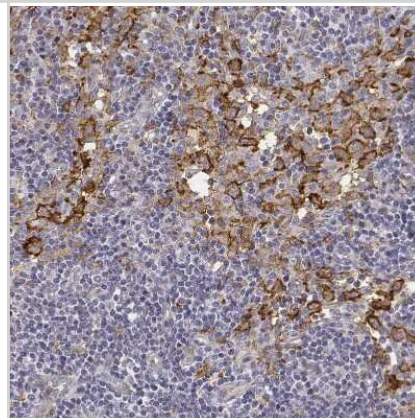
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86168] - Staining of human rectum shows moderate to strong cytoplasmic positivity in lymphoid cells.



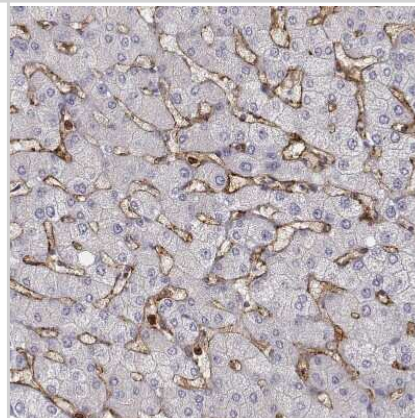
Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86168] - Staining of human pancreas shows no cytoplasmic positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86168] - Staining of human lymph node shows moderate to strong membranous positivity in lymphoid cells.



Immunohistochemistry-Paraffin: CD14 Antibody [NBP1-86168] - Staining of human liver shows moderate to strong membranous positivity in hepatic sinusoid cells.



Publications

Hingorani P, Maas ML, Gustafson MP et al. Increased CTLA-4(+) T cells and an increased ratio of monocytes with loss of class II (CD14(+)HLA-DR(lo/neg)) found in aggressive pediatric sarcoma patients. *J Immunother Cancer* 2015-01-01 [PMID: 26286851] (IF/IHC, Human)

Tarassishin L, Suh HS, Lee SC et al. LPS and IL-1 differentially activate mouse and human astrocytes: role of CD14. *Glia* 2014-06-01 [PMID: 24659539] (WB, Human)

Fruhwurth S, Pavelka M, Bittman R et al. High-density lipoprotein endocytosis in endothelial cells. *World J Biol Chem* 2013-11-26 [PMID: 24340136]

Zimmermann HW, Seidler S, Nattermann J et al. Functional Contribution of Elevated Circulating and Hepatic Non-Classical CD14+CD16+ Monocytes to Inflammation and Human Liver Fibrosis. *PLoS One* 2010-06-10 [PMID: 20548789]





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Products Related to NBP1-86168

NBP1-86168PEP	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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