

# Product Datasheet

## CD163 Antibody - BSA Free

### NBP2-49028

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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**NBP2-49028**

CD163 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**

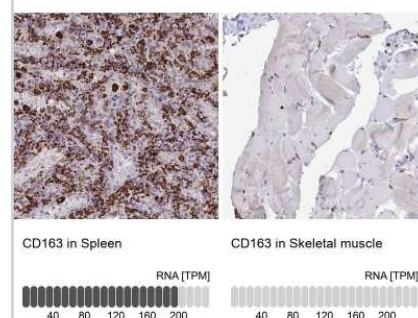
<b>Host</b>	Rabbit
<b>Gene ID</b>	9332
<b>Gene Symbol</b>	CD163
<b>Species</b>	Human
<b>Reactivity Notes</b>	Rat (83%)
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: ACKQLGCPTAVTAIGRVNASKGFGHIWLDSVSCQGHEPAVWQCKHHEWGGKH YCNHNEDAGVTCSD

**Product Application Details**

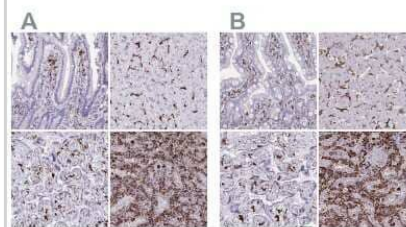
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

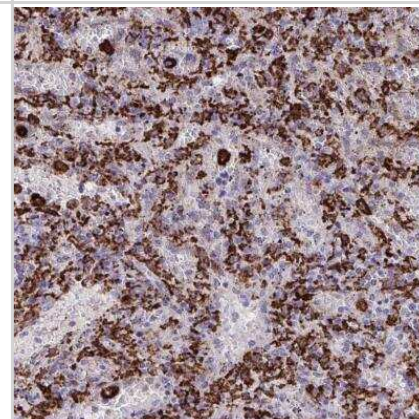
Immunohistochemistry-Paraffin: CD163 Antibody [NBP2-49028] - Analysis in human spleen and skeletal muscle tissues. Corresponding CD163 RNA-seq data are presented for the same tissues.



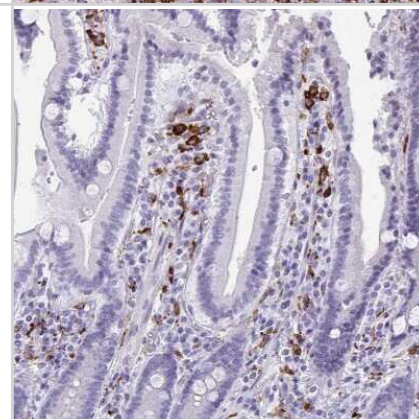
Immunohistochemistry-Paraffin: CD163 Antibody [NBP2-49028] - Staining of human gastrointestinal, liver, placenta and spleen using Anti-CD163 antibody (A) NBP2-49028 shows similar protein distribution across tissues to independent antibody NBP2-48846 (B).



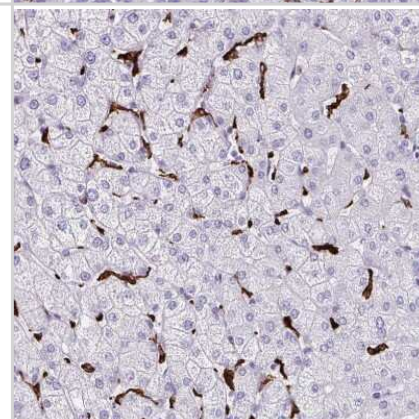
Immunohistochemistry-Paraffin: CD163 Antibody [NBP2-49028] - Staining of human spleen shows strong membranous positivity in cells in red pulp.



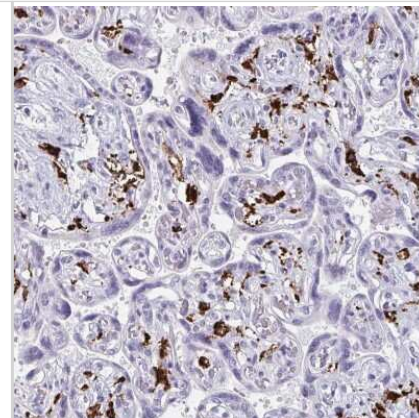
Immunohistochemistry-Paraffin: CD163 Antibody [NBP2-49028] - Staining of human duodenum shows strong membranous positivity in lymphoid cells.



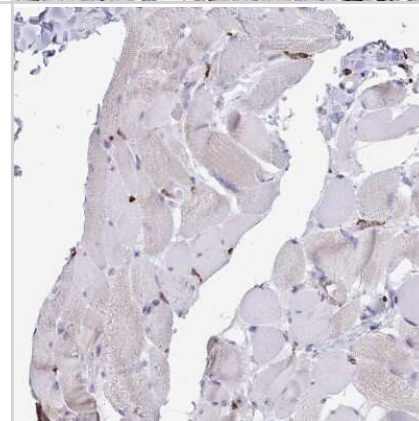
Immunohistochemistry-Paraffin: CD163 Antibody [NBP2-49028] - Staining of human liver shows strong membranous positivity in Kupffer cells.



Immunohistochemistry-Paraffin: CD163 Antibody [NBP2-49028] - Staining of human placenta shows strong membranous positivity in lymphoid cells.



Immunohistochemistry-Paraffin: CD163 Antibody [NBP2-49028] - Staining of human skeletal muscle shows low positivity as expected.





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### **Products Related to NBP2-49028**

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NBP2-49028PEP	CD163 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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