

# Product Datasheet

## Siglec-5/CD170 Antibody - BSA Free NBP1-91149

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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### Publications: 1

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**NBP1-91149**

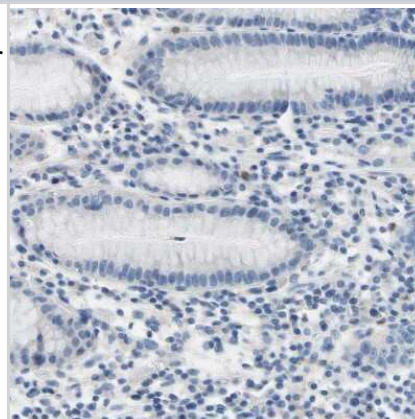
Siglec-5/CD170 Antibody - BSA Free

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	8778
Gene Symbol	SIGLEC5
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KARRKQAAGRPEKMDDEDPIMGITITSGSRKKPWPDSAGDQASPPGDAPPLEE QKELHYASLSFSEMKSREPKDQEAPSTTEYSEIKTSK
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

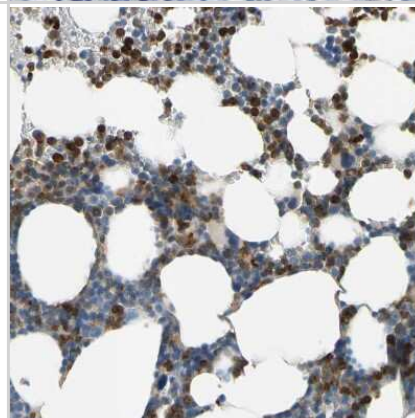


## Images

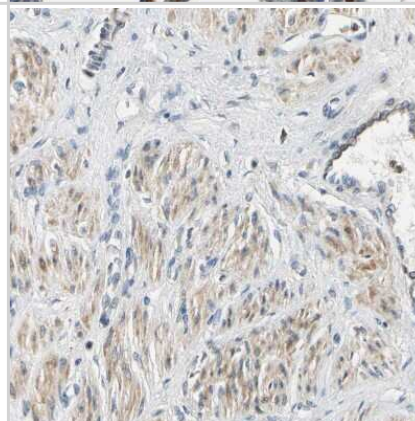
Immunohistochemistry-Paraffin: Siglec-5/CD170 Antibody [NBP1-91149]  
- Staining of human stomach shows no cytoplasmic positivity in glandular cells as expected.



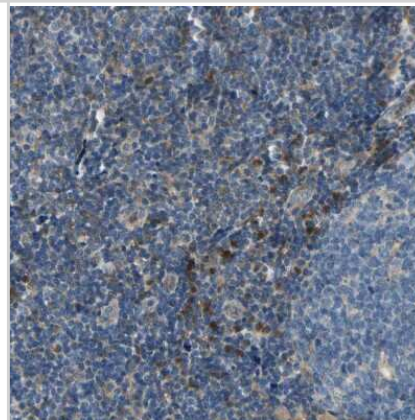
Immunohistochemistry-Paraffin: Siglec-5/CD170 Antibody [NBP1-91149]  
- Staining of human bone marrow shows strong cytoplasm granular positivity in hematopoietic cells.



Immunohistochemistry-Paraffin: Siglec-5/CD170 Antibody [NBP1-91149]  
- Staining of human smooth muscle shows weak cytoplasmic positivity in smooth muscle cells.



Immunohistochemistry-Paraffin: Siglec-5/CD170 Antibody [NBP1-91149]  
- Staining of human tonsil shows moderate cytoplasm granular positivity in non-germinal center cells.



## Publications

Yexian Yuan, Ruoci Hu, Jooman Park, Shaolei Xiong, Zilai Wang, Yanyu Qian, Zuoxiao Shi, Ruifan Wu, Zhenbo Han, Sang-Ging Ong, Shuhao Lin, Krista A. Varady, Pingwen Xu, Daniel C. Berry, Gang Shu, Yuwei Jiang Macrophage-derived chemokine CCL22 establishes local LN-mediated adaptive thermogenesis and energy expenditure Science Advances 2024-06-28 [PMID: 38924414]





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### **Products Related to NBP1-91149**

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NBP1-91149PEP	Siglec-5/CD170 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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