

Product Datasheet

CD45 Antibody - BSA Free NBP1-88103

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: 3

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Updated 12/2/2025 v.20.1

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NBP1-88103

CD45 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	147 kDa

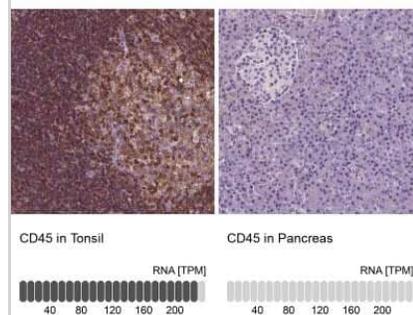
Product Description	
Description	Novus Biologicals Rabbit CD45 Antibody - BSA Free (NBP1-88103) is a polyclonal antibody validated for use in IHC. Anti-CD45 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5788
Gene Symbol	PTPRC
Species	Human
Immunogen	This CD45 Antibody was developed against a Recombinant Protein corresponding to amino acids: KLENLEPEHEYKCDSEILYNNHKFTNASKIIKTDFGSPGEPQIIFCRSEAAHQGVI TWNPPQRSFHNFTLCYIKETEKDCLNLDKNLIKYDLQNLKPYTKYVLSLHAYIIAK VQRNGSAAMCHFTTKSAPPSQVWNMT

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

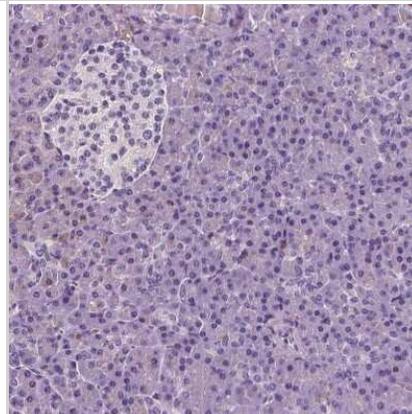


Images

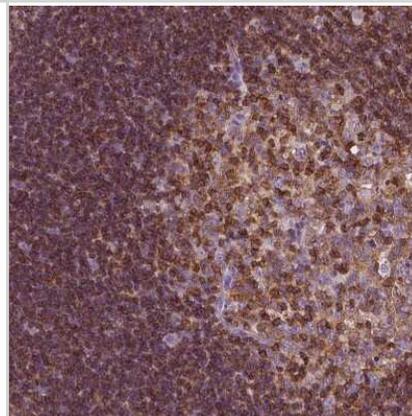
Immunohistochemistry-Paraffin: CD45 Antibody [NBP1-88103] - Staining in human tonsil and pancreas tissues using CD45 antibody [NBP1-88103]. Corresponding CD45 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: CD45 Antibody [NBP1-88103] - Staining of human pancreas with CD45 antibody [NBP1-88103] shows low expression as expected.



Immunohistochemistry-Paraffin: CD45 Antibody [NBP1-88103] - Staining of human tonsil with CD45 antibody [NBP1-88103] shows high expression.



Publications

Do T Development and Characterization of a Novel Three-Dimensional Human Tissue-Engineered Lung Model to Study Immune Response to Respiratory Syncytial Virus in Vulnerable Populations Thesis 2023-01-01 (Immunohistochemistry, Human)

Edlund K, Lindskog C, Saito A et al. CD99 is a novel prognostic stromal marker in non-small cell lung cancer. *Int J Cancer* 2012-11-15 [PMID: 22392539]

Kato BS, Nicholson G, Neiman M et al. Variance decomposition of protein profiles from antibody arrays using a longitudinal twin model. *Proteome Sci* 2011-11-17 [PMID: 22093360]



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Products Related to NBP1-88103

NBP1-88103PEP	CD45 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

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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