

Product Datasheet

plgR Antibody - BSA Free NBP1-86095

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: 5

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NBP1-86095

pIgR 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

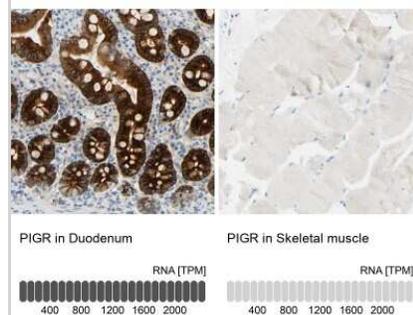
Product Description	
Description	Novus Biologicals Rabbit pIgR Antibody - BSA Free (NBP1-86095) is a polyclonal antibody validated for use in IHC, WB and Simple Western. Anti-pIgR Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5284
Gene Symbol	PIGR
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24236214)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LLFSVVINQLRLSDAGQYLCQAGDDSNSNKKNADLQVLKPEPELVYEDLRGSV TFHCALGPEVANVAKFLCRQSSGENCDVVVNTLGKRAPAFEGRILLNPQDKDG SFSVVITGLRKEDAGRYLCAHS

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	IHC reported in scientific literature (PMID: 25397670). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

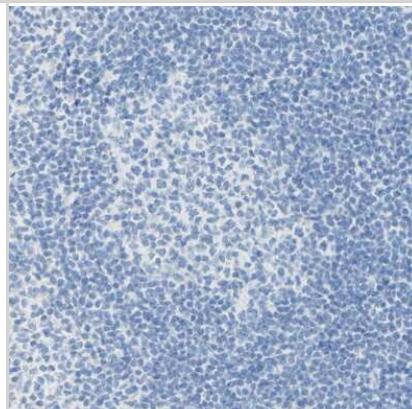


Images

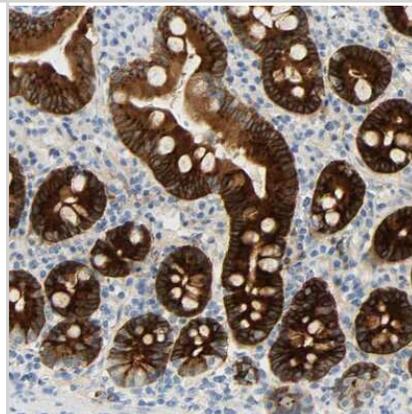
Immunohistochemistry-Paraffin: pIgR Antibody [NBP1-86095] - Analysis in human duodenum and skeletal muscle tissues. Corresponding PIGR RNA-seq data are presented for the same tissues.



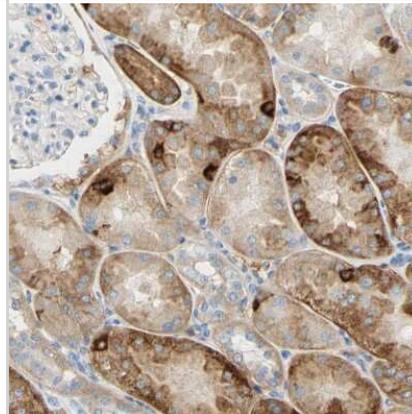
Immunohistochemistry-Paraffin: pIgR Antibody [NBP1-86095] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



Immunohistochemistry-Paraffin: pIgR Antibody [NBP1-86095] - Staining of human duodenum shows strong cytoplasmic and membranous positivity in glandular cells.



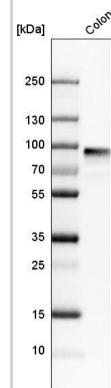
Immunohistochemistry-Paraffin: pIgR Antibody [NBP1-86095] - Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: pIgR Antibody [NBP1-86095] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Analysis in human colon tissue.



Publications

Yan Li, Renee B. Chang, Meredith L. Stone, Devora Delman, Kelly Markowitz, Yuqing Xue, Heather Coho, Veronica M. Herrera, Joey H. Li, Liti Zhang, Shaanti Choi-Bose, Michael Giannone, Sarah M. Shin, Erin M. Coyne, Alexei Hernandez, Nicole E. Gross, Soren Charmsaz, Won Jin Ho, Jae W. Lee, Gregory L. Beatty Multimodal immune phenotyping reveals microbial-T cell interactions that shape pancreatic cancer *Cell Reports Medicine* 2024-02-01 [PMID: 38307029]

Fristedt R, Elebro J, Gaber A et al. Reduced Expression of the Polymeric Immunoglobulin Receptor in Pancreatic and Periampullary Adenocarcinoma Signifies Tumour Progression and Poor Prognosis. *PLoS One* 2014-01-01 [PMID: 25397670] (IF/IHC, Human)

Fristedt R, Gaber A, Hedner C et al. Expression and prognostic significance of the polymeric immunoglobulin receptor in esophageal and gastric adenocarcinoma. *J Transl Med* 2014-04-02 [PMID: 24694107]

Berntsson J, Lundgren S, Nodin B et al. Expression and prognostic significance of the polymeric immunoglobulin receptor in epithelial ovarian cancer. *J Ovarian Res* 2014-02-26 [PMID: 24568264]

Trevisi P, Gandolfi G, Priori D et al. Age-Related Expression of the Polymeric Immunoglobulin Receptor (pIgR) in the Gastric Mucosa of Young Pigs. *PLoS One* 2013-01-01 [PMID: 24236214] (IF/IHC)



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Products Related to NBP1-86095

NBP1-86095PEP	pIgR Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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