

# Product Datasheet

## TGF-beta RIII Antibody - BSA Free NBP1-89988

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 4

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**NBP1-89988**

TGF-beta RIII 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

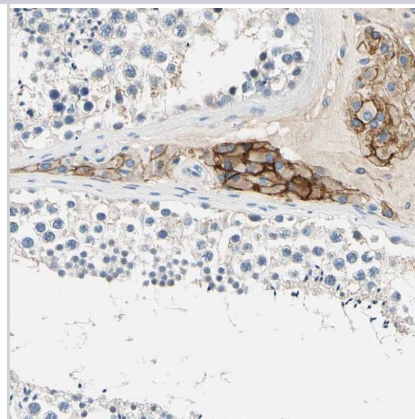
Product Description	
Description	Novus Biologicals Rabbit TGF-beta RIII Antibody - BSA Free (NBP1-89988) is a polyclonal antibody validated for use in IHC. Anti-TGF-beta RIII Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7049
Gene Symbol	TGFBR3
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24658685)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GYSGMDVTLLDPTCKAKMNGTHFVLESPLNGCGTRPRWSALDGVVYYNSIVIQ VPALGDSSGWPDPGYEDLESGDNGFPGDMDEGDASLFTRPEIVVFNC SLQQVR NPSSFQEQPHGNITFNMELYNTDLF

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

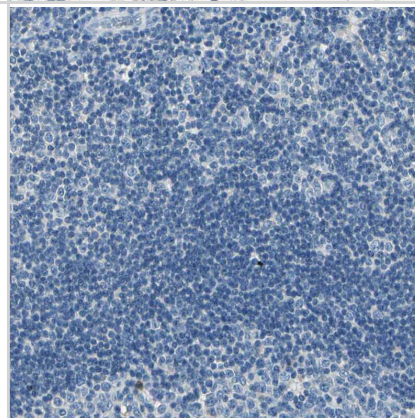


## Images

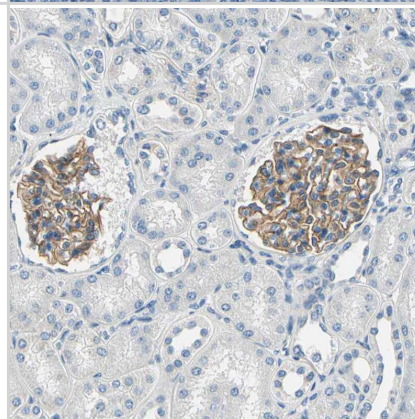
Staining of human testis shows strong membranous positivity in Leydig cells.



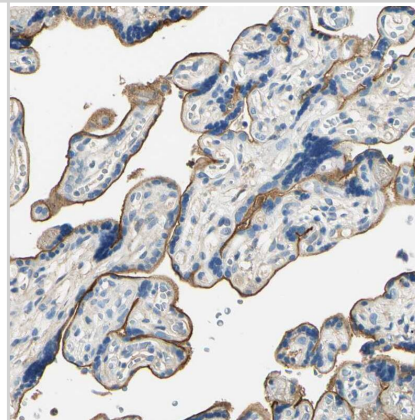
Staining of human lymph node shows no positivity in non-germinal center cells as expected.



Staining of human kidney shows strong membranous positivity in cells in glomeruli.



Staining of human placenta shows strong membranous positivity in trophoblastic cells.



## Publications

Antonino Di Stefano, Claudia Sangiorgi, Isabella Gnemmi, Paolo Casolari, Paola Brun, Fabio L.M. Ricciardolo, Marco Contoli, Alberto Papi, Pio Maniscalco, Paolo Ruggeri, Giuseppe Girbino, Francesco Cappello, Stelios Pavlides, Yike Guo, Kian Fan Chung, Peter J. Barnes, Ian M. Adcock, Bruno Balbi, Gaetano Caramori TGF- $\beta$  Signaling Pathways in Different Compartments of the Lower Airways of Patients With Stable COPD Chest 2018-04-01 [PMID: 29289685]

Gutgold N, Davidson B, Catane LJ et al. TGFB splicing and canonical pathway activation in high-grade serous carcinoma. Virchows Arch. 2017-04-21 [PMID: 28432432] (IHC-P, Human)

### Details:

Novus' TGF Beta R3 antibody was used to study cancers in which TGH Beta RIII levels were different

Wang CC, Bajikar SS, Jamal L et al. A time- and matrix-dependent TGFB $\beta$ 3-JUND-KRT5 regulatory circuit in single breast epithelial cells and basal-like premalignancies. Nat Cell Biol 2014-04-01 [PMID: 24658685] (IF/IHC)

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 NBP1-89988**

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NBP1-89988PEP	TGF-beta RIII 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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