

# Product Datasheet

## Somatostatin R5/SSTR5 Antibody NB100-74540

Unit Size: 100uL

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-74540****Somatostatin R5/SSTR5 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	100uL
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Whole serum

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	6755
<b>Gene Symbol</b>	SSTR5
<b>Species</b>	Human, Mouse, Porcine
<b>Reactivity Notes</b>	Porcine reactivity reported in scientific literature (PMID:33002813)
<b>Specificity/Sensitivity</b>	Somatostatin Receptor 5
<b>Immunogen</b>	Synthetic peptide corresponding to residues Q(344) E A T R P A H R A A A N G L M Q T S K L(364) of human SSTR5.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunocytochemistry
<b>Recommended Dilutions</b>	Western Blot 1:4000 - 1:6000, Flow Cytometry 3 - 5 ug / 10 <sup>6</sup> cells, Immunohistochemistry, Immunohistochemistry-Paraffin 1:2500, Immunocytochemistry 1:5000



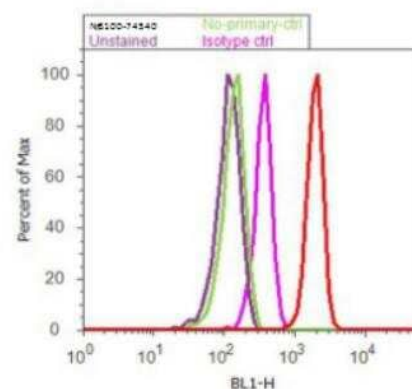
## Images

Western Blot: Somatostatin R5/SSTR5 Antibody [NB100-74540] - Analysis of SSTR5 in human pituitary gland.

**Fig. 1**

**SSTR5**

Flow Cytometry: Somatostatin R5/SSTR5 Antibody [NB100-74540] - Analysis of Somatostatin Receptor 5 was done on HT-29 cells.



## Publications

Mandriani B, Pellè E, Mannavola F et al. Development of anti-somatostatin receptors CAR T cells for treatment of neuroendocrine tumors Journal for immunotherapy of cancer 2022-06-01 [PMID: 35764366] (FLOW, ICC/IF, Human)

Jana B, Calka J, Czajkowska M The role of somatostatin and its receptors (sstr2, sstr5) in the contractility of gilt inflamed uterus Research in veterinary science 2020-09-19 [PMID: 33002813] (WB, Porcine)

Chung WY, Han JW, Heo W, Lee MG. Overexpression of WNK1 in POMC-expressing neurons reduces weigh gain via WNK4-mediated degradation of Kir6.2. Mol. Cell. Biochem. 2018-02-01 [PMID: 29392534] (Mouse)



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### **Products Related to NB100-74540**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56513PEP	Somatostatin R5/SSTR5 Recombinant Protein Antigen

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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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