

# Product Datasheet

## Somatostatin R2/SSTR2 Antibody NB100-74537

Unit Size: 100 uL

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

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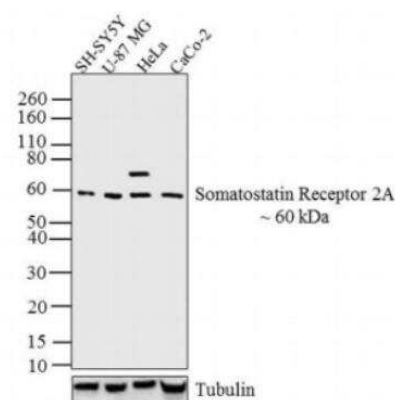


**NB100-74537****Somatostatin R2/SSTR2 Antibody**

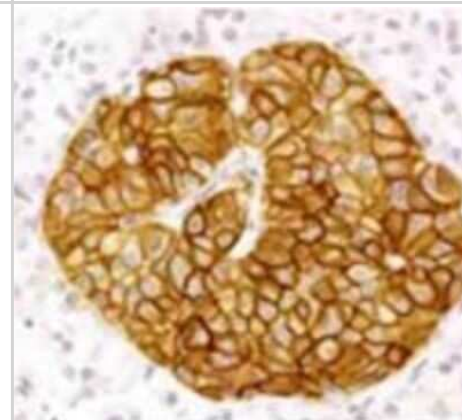
<b>Product Information</b>	
<b>Unit Size</b>	100 uL
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Whole serum
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	6752
<b>Gene Symbol</b>	SSTR2
<b>Species</b>	Human, Rat, Hamster
<b>Specificity/Sensitivity</b>	Detects Somatostatin Receptor 2A in human and rat samples.
<b>Immunogen</b>	Synthetic peptide corresponding to residues E(355) T Q R T L L N G D L Q T S I (369) of human SSTR2A.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:250, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:5000, Immunohistochemistry-Paraffin 1:2500
<b>Application Notes</b>	ELISA usage was reported in scientific literature (PMID: 21518799). IF usage was reported in scientific literature (PMID: 21519383). Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID: 21493671).

## Images

Western Blot: Somatostatin R2/SSTR2 Antibody [NB100-74537] - Analysis was performed on whole cell extracts (30 ug lysate) of SH-SY5Y (Lane1), U-87 MG (Lane 2), HeLa (Lane 3) and CaCo-2 (lane 4).



Immunohistochemistry-Paraffin: Somatostatin R2/SSTR2 Antibody [NB100-74537] - Staining of human pancreatic islets.



## Publications

Waser B, Cescato R, Liu Q et al. Phosphorylation of sst2 receptors in neuroendocrine tumors after octreotide treatment of patients. *Am J Pathol* 2012-05-01 [PMID: 22538189] (Human)

Garrido JM, Sevilla IA, Beltran-Beck B et al. Protection against tuberculosis in Eurasian wild boar vaccinated with heat-inactivated *Mycobacterium bovis*. *PLoS One* 2011-01-01 [PMID: 21935486]

Agool A, Slart RH, Dierckx RA et al. Somatostatin receptor scintigraphy might be useful for detecting skeleton abnormalities in patients with multiple myeloma and plasmacytoma. *Eur J Nucl Med Mol Imaging* 2010-01-01 [PMID: 19597816] (IHC-P, Human)

Rodriguez-Moldes I, Carrera I, Pose-Mendez S, et al. Regionalization of the shark hindbrain: a survey of an ancestral organization *Front Neuroanat* 2011-03-01 [PMID: 21519383]

Kao YJ, Ghosh M, Schonbrunn A. Ligand-dependent mechanisms of sst2A receptor trafficking: role of site-specific phosphorylation and receptor activation in the actions of biased somatostatin agonists *Mol Endocrinol* 2011-06-01 [PMID: 21493671] (ICC/IF, Rat)

Johnson DR, Kimmel DW, Burch PA, Cascino TL, Giannini C, Wu W, Buckner JC. Phase II study of subcutaneous octreotide in adults with recurrent or progressive meningioma and meningeal hemangiopericytoma. *Neuro Oncol*;13 (5):530-5. 2011-05-01 [PMID: 21558077] (IF/IHC, Human)



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### **Products Related to NB100-74537**

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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
NB300-157PEP	Somatostatin R2/SSTR2 Antibody Blocking Peptide

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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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