

# Product Datasheet

## Somatostatin R4/SSTR4 Antibody NB100-74539-0.025 ml

Unit Size: 0.025 ml

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

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



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### Publications: 1

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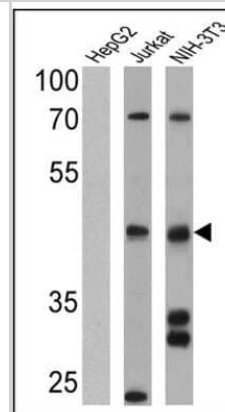


**NB100-74539-0.025 ml****Somatostatin R4/SSTR4 Antibody**

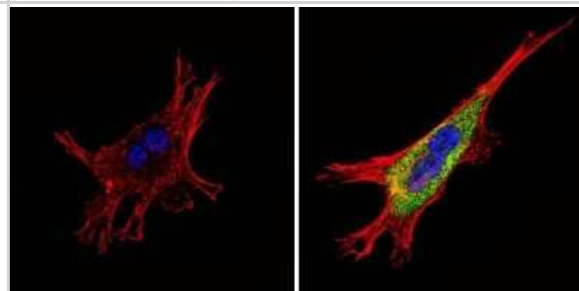
<b>Product Information</b>	
<b>Unit Size</b>	0.025 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Unpurified
<b>Buffer</b>	Whole serum
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	6754
<b>Gene Symbol</b>	SSTR4
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptide corresponding to residues C(366) Q Q E A L Q P E P G R K R I P L T R T T T F(388) of human SSTR4.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunocytochemistry, Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:5000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:2500, Immunofluorescence 1:250, Immunocytochemistry 1:250
<b>Application Notes</b>	WB: Analysis of SSTR4 transfected HEK-293 cells detects an approx. 40 - 50 kDa protein representing SSTR4.

## Images

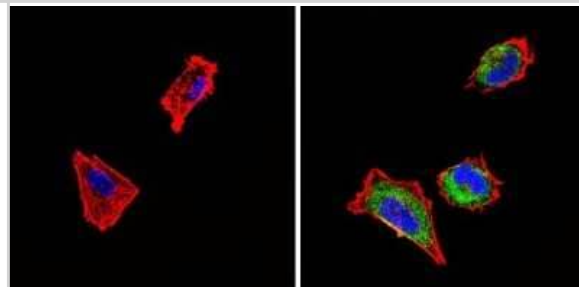
Western Blot: Somatostatin R4/SSTR4 Antibody [NB100-74539] - Analysis of 25 ug of HepG2 (lane 1), Jurkat (lane 2) and NIH-3T3 (lane 3) cell lysates.



Immunocytochemistry/Immunofluorescence: Somatostatin R4/SSTR4 Antibody [NB100-74539] - Analysis of Somatostatin Receptor 4 (green) showing staining in the cytoplasm of NIH-3T3 cells (right) compared to a negative control without primary antibody (left).



Immunocytochemistry/Immunofluorescence: Somatostatin R4/SSTR4 Antibody [NB100-74539] - Analysis of Somatostatin Receptor 4 (green) showing staining in the cytoplasm of SH-SY5Y cells (right) compared to a negative control without primary antibody (left).



## Publications

Arne G, Nilsson B, Dalmo J et al. Gastrointestinal stromal tumors (GISTs) express somatostatin receptors and bind radiolabeled somatostatin analogs *Acta Oncol* 2012-11-01 [PMID: 23116418] (IF/IHC, Human)



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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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