

# Product Datasheet

## SA1 Antibody - BSA Free NB100-298

Unit Size: 100 ul

Store at 4C. Do not freeze.

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



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### Publications: 3

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**NB100-298**

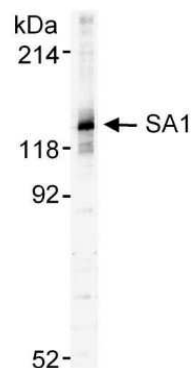
SA1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Product Description	
Host	Goat
Gene ID	10274
Gene Symbol	STAG1
Species	Human, Mouse, Invertebrate
Reactivity Notes	Invertebrate reactivity reported in (PMID: 23874961).
Immunogen	A 36 amino acid synthetic peptide, which represented a portion of human Stromal Antigen 1 encoded in part by exons 5 and 6 (LocusLink ID 10274).
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunocytochemistry/ Immunofluorescence 1:500-1:2000, Immunoprecipitation
Application Notes	NB 100-298 may be used for Western Blot where a band at ~145 kD is seen on SDS-PAGE. It may also be used for immunocytochemistry. Suggested working dilutions: * Western Blot 1:1,000-1:10,000 (ECL) Immunocytochemistry 1:500-1:2,000 Immunoprecipitation Not Done *The investigator should determine the optimal working dilution for a specific application.

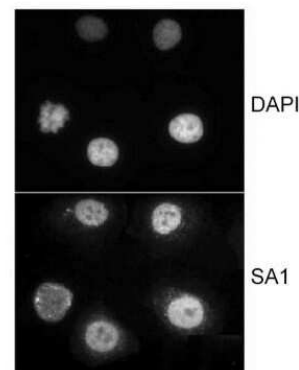


## Images

Western Blot: SA1 Antibody [NB100-298] - Nuclear extract from approx. 500,000 HeLa cells. Antibody used at 0.5 ug/ml.



Immunocytochemistry/Immunofluorescence: SA1 Antibody [NB100-298] - HeLa cells that were extracted for 5 min at 4C in 0.5% Triton in CSK buffer. Antibody used at 1 ug/ml.



## Publications

Chu Z, Gu L, Hu Y et al. STAG2 regulates interferon signaling in melanoma via enhancer loop reprogramming Nature communications 2022-04-06 [PMID: 35388001] (WB)

Zhang N, Jiang Y, Mao Q et al. Characterization of the Interaction between the Cohesin Subunits Rad21 and SA1/2. PLoS One 2013-07-12 [PMID: 23874961] (WB, Invertebrate)

Zhang N, Kuznetsov SG, Sharan SK et al. A huff model for the cohesin complex. J Cell Biol;183(6):1019-1031. 2008 -01-01 [PMID: 19075111]



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### **Products Related to NB100-298**

NB800-PC9	HeLa Nuclear Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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