

# Product Datasheet

## SODD/BAG4 Antibody - BSA Free NB100-56696

Unit Size: 0.1 mg

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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**NB100-56696**

SODD/BAG4 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS containing 0.2% gelatin

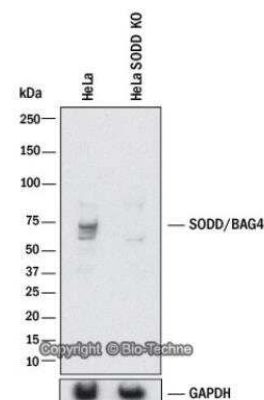
Product Description	
Description	Novus Biologicals Rabbit SODD/BAG4 Antibody - BSA Free (NB100-56696) is a polyclonal antibody validated for use in WB and Flow. Anti-SODD/BAG4 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9530
Gene Symbol	BAG4
Species	Human
Immunogen	This polyclonal antibody was raised against a peptide corresponding to amino acids 443-457 of human SODD protein.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Knockdown Validated
Recommended Dilutions	Western Blot 2-4 ug/ml, Flow Cytometry 1:10-1:1000, Flow (Cell Surface) reported in scientific literature (PMID 15592361), Knockdown Validated

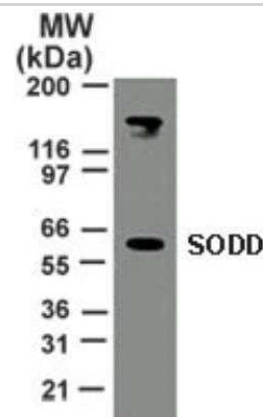


## Images

Western Blot: SODD/BAG4 Antibody [NB100-56696] - Western blot shows lysates of HeLa human cervical epithelial carcinoma parental cell line and SODD/BAG4 knockout (KO) HeLa cell line. PVDF membrane was probed with 1 ug/ml of Rabbit Anti-Human SODD/BAG4 Polyclonal Antibody (Catalog # NB100-56696) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog #HAF008). Specific band was detected for SODD/BAG4 at approximately 75 kDa (as indicated) in the parental HeLa cell line, but is not detectable in the knockout HeLa cell line. This experiment was conducted under reducing conditions.



Western Blot: SODD/BAG4 Antibody [NB100-56696] - Analysis of 30 ug of total cell lysate from HeLa cells with anti-SODD at 2 ug/ml.



## Publications

Gehrmann M, Marienhagen J, Eichholtz-Wirth H et al. Dual function of membrane-bound heat shock protein 70 (Hsp70), Bag-4, and Hsp40: protection against radiation-induced effects and target structure for natural killer cells. *Cell Death Differ.* 2005-01-01 [PMID: 15592361] (Flow-CS, WB, Human)

### Details:

Flow cytometry (cell surface) & WB: Human colon carcinoma sublines CX+ and CX- generated from the parental cell line CX2, Nk cell line, and HeLa cell line, Table 1, 2, & 3.

Gastpar R, Gehrmann M, Bausero MA et al. Heat shock protein 70 surface-positive tumor exosomes stimulate migratory and cytolytic activity of natural killer cells. *Cancer Res.* 2005-06-15 [PMID: 15958569]

Multhoff G. Heat shock protein 70 (Hsp70): membrane location, export and immunological relevance. *Methods.* 2007-11-01 [PMID: 17920520] (WB, Human)

### Details:

WB: Human colon and pancreatic cell lines.

Endres R, Hacker G, Brosch I et al. Apparently normal tumor necrosis factor receptor 1 signaling in the absence of the silencer of death domains. *Mol Cell Biol.* 2003-09-01 [PMID: 12944486]



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### **Products Related to NB100-56696**

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NB800-PC1	HeLa Whole Cell Lysate
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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