

# Product Datasheet

## PUMA Antibody (SR42-09)

### NBP2-67326

Unit Size: 100 ul

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: 1

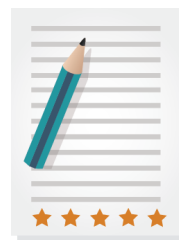
Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
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Updated 10/23/2024 v.20.1

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**NBP2-67326**

PUMA Antibody (SR42-09)

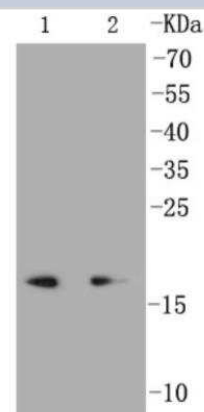
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SR42-09
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	27113
Gene Symbol	BBC3
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human PUMA aa 153-193 / 193. (SwissProt: Q9BXH1 Human; SwissProt: Q99ML1 Mouse; SwissProt: Q80ZG6 Rat)

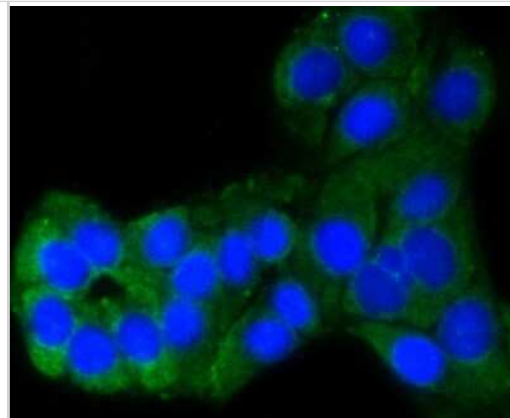
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

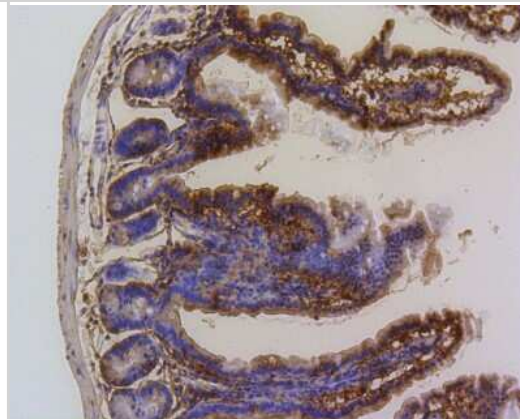
Western Blot: PUMA Antibody (SR42-09) [NBP2-67326] - Analysis of PUMA on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Hela cell lysate Lane 2: K562 cell lysate



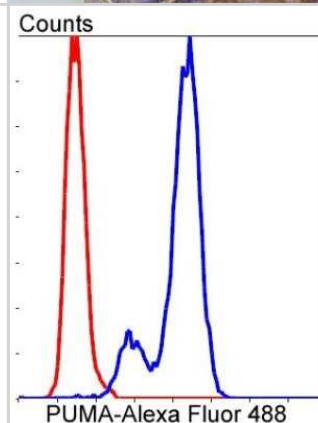
Immunocytochemistry/Immunofluorescence: PUMA Antibody (SR42-09) [NBP2-67326] - Staining PUMA in SKOV-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



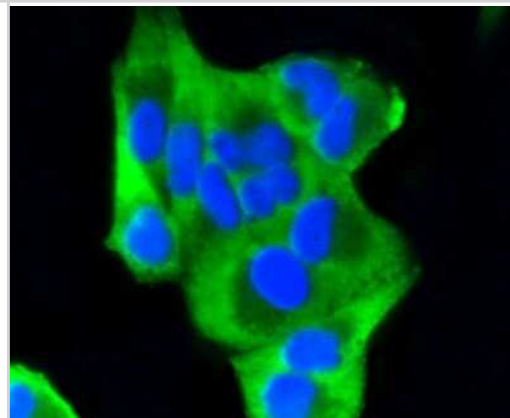
Immunohistochemistry-Paraffin: PUMA Antibody (SR42-09) [NBP2-67326] - Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-PUMA antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BS



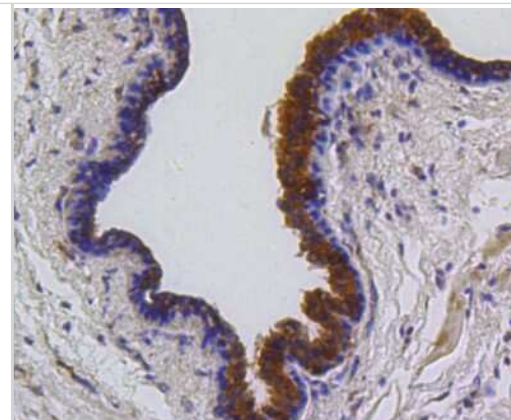
Flow Cytometry: PUMA Antibody (SR42-09) [NBP2-67326] - Analysis of HeLa cells with PUMA antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



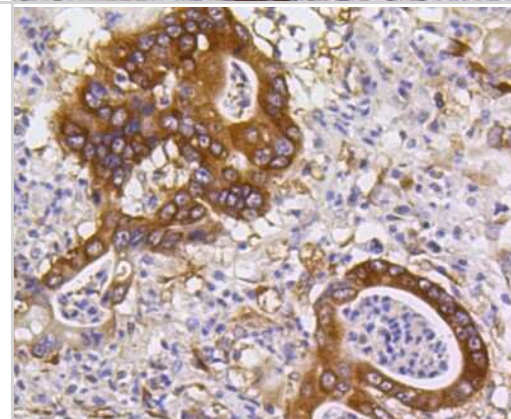
Immunocytochemistry/Immunofluorescence: PUMA Antibody (SR42-09) [NBP2-67326] - Staining PUMA in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



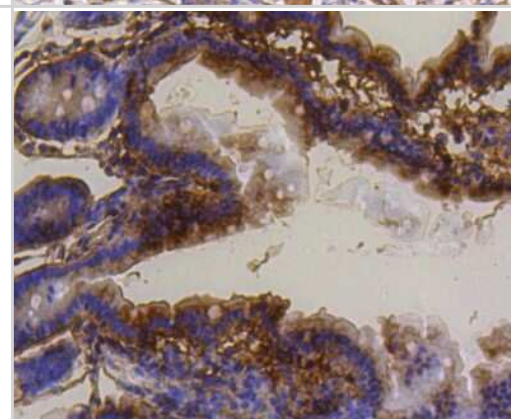
Immunohistochemistry-Paraffin: PUMA Antibody (SR42-09) [NBP2-67326] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-PUMA antibody. Counter stained with hematoxylin.



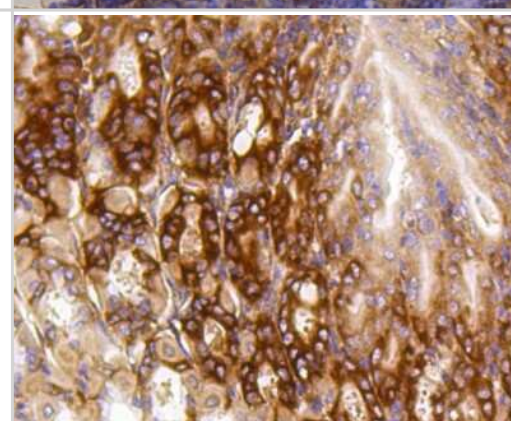
Immunohistochemistry-Paraffin: PUMA Antibody (SR42-09) [NBP2-67326] - Analysis of paraffin-embedded human gastric carcinoma tissue using anti-PUMA antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PUMA Antibody (SR42-09) [NBP2-67326] - Analysis of paraffin-embedded mouse small intestine tissue using anti-PUMA antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PUMA Antibody (SR42-09) [NBP2-67326] - Analysis of paraffin-embedded mouse stomach tissue using anti-PUMA antibody. Counter stained with hematoxylin.



## Publications

Reina-Ortiz C, Mozas MP, Ovelleiro D et al. Dynamic Changes in miRNA Expression during the Generation of Expanded and Activated NK Cells International journal of molecular sciences 2023-08-31 [PMID: 37686362] (WB, Human)



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### **Products Related to NBP2-67326**

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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
NB500-261PEP	PUMA 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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