

# Product Datasheet

## Slug Antibody (4B6D5) - BSA Free NBP2-52570

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 9/9/2025 v.20.1

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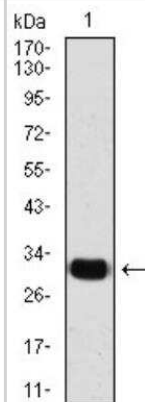
**NBP2-52570**

Slug Antibody (4B6D5) - BSA Free

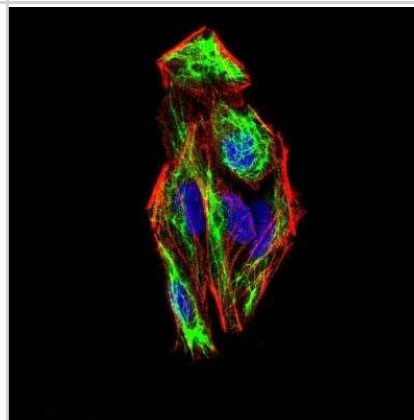
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4B6D5
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	30 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Slug Antibody (4B6D5) - BSA Free (NBP2-52570) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Slug Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	6591
<b>Gene Symbol</b>	SNAI2
<b>Species</b>	Human
<b>Immunogen</b>	Purified recombinant fragment of human Slug (AA: 100-200) expressed in E. Coli.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready
<b>Application Notes</b>	This antibody is Cytof ready.

## Images

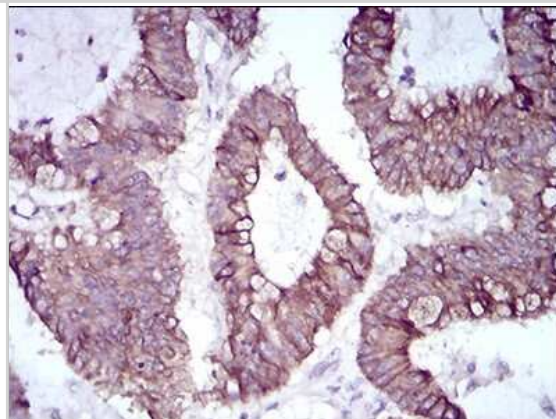
Western Blot: Slug Antibody (4B6D5) [NBP2-52570] - Analysis using Slug mouse mAb against MCF-7 cell lysate.



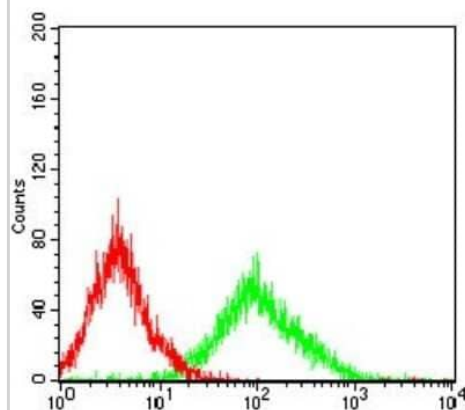
Immunocytochemistry/Immunofluorescence: Slug Antibody (4B6D5) [NBP2-52570] - Analysis of Hela cells using SNAI2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



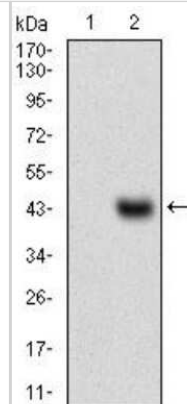
Immunohistochemistry-Paraffin: Slug Antibody (4B6D5) [NBP2-52570] - Analysis of colon cancer tissues using SNAI2 mouse mAb with DAB staining.



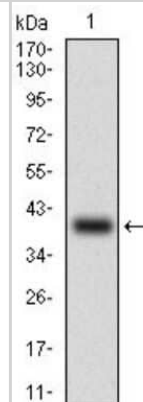
Flow Cytometry: Slug Antibody (4B6D5) [NBP2-52570] - Analysis of MCF-7 cells using SNAI2 mouse mAb (green) and negative control (red).



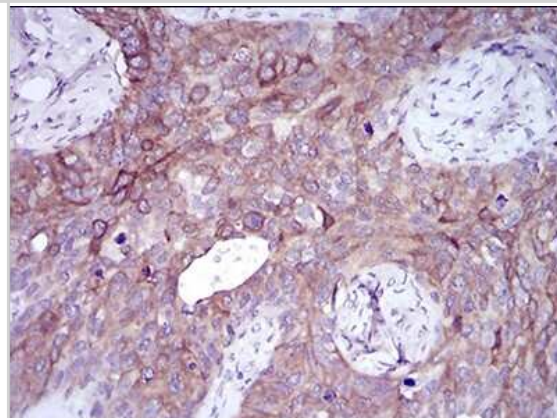
Western Blot: Slug Antibody (4B6D5) [NBP2-52570] - Analysis using SNAI2 mAb against HEK293 (1) and SNAI2 (AA: 100-200)-hlgGFc transfected HEK293 (2) cell lysate.



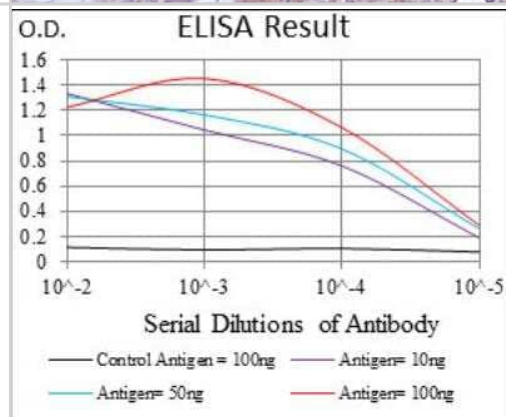
Western Blot: Slug Antibody (4B6D5) [NBP2-52570] - Analysis using SNAI2 mAb against human SNAI2 (AA: 100-200) recombinant protein. (Expected MW is 39.8 kDa)



Immunohistochemistry-Paraffin: Slug Antibody (4B6D5) [NBP2-52570] - Analysis of cervical cancer tissues using SNAI2 mouse mAb with DAB staining.



ELISA: Slug Antibody (4B6D5) [NBP2-52570] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).



## Publications

Luo HL, Lee YC, Chang YL et al. MicroRNA-145-5p suppresses cell proliferation, migration, and invasion in upper tract urothelial carcinoma by targeting 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase Journal of cellular biochemistry 2023-07-20 [PMID: 37475541]



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### **Products Related to NBP2-52570**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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