

# Product Datasheet

## AMPK alpha 2 Antibody (5B4G1) - BSA Free **NBP2-61853-0.025ml**

Unit Size: 0.025 ml

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

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Updated 9/9/2025 v.20.1

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**NBP2-61853-0.025ml**

AMPK alpha 2 Antibody (5B4G1) - BSA Free

**Product Information**

<b>Unit Size</b>	0.025 ml
<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>	5B4G1
<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>	62.3 kDa

**Product Description**

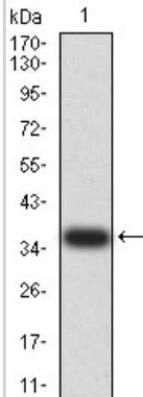
<b>Description</b>	Novus Biologicals Mouse AMPK alpha 2 Antibody (5B4G1) - BSA Free (NBP2-61853) is a monoclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	5563
<b>Gene Symbol</b>	PRKAA2
<b>Species</b>	Human
<b>Immunogen</b>	Purified recombinant fragment of human AMPK alpha 2 (AA: 453-552) expressed in E. Coli.

**Product Application Details**

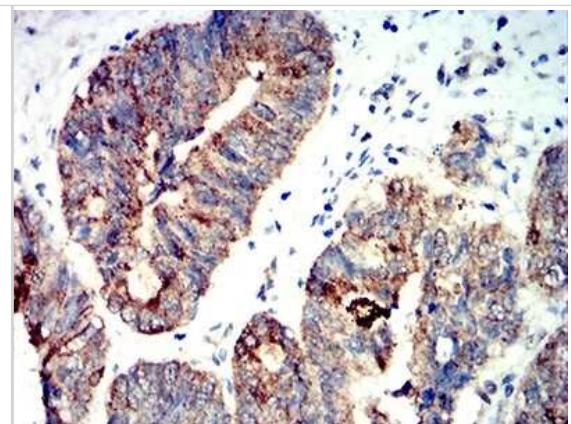
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

**Images**

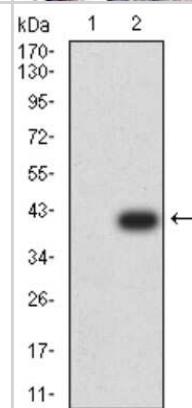
Western Blot: AMPK alpha 2 Antibody (5B4G1) [NBP2-61853] - Analysis using PRKAA2 mAb against human PRKAA2 (AA: 453-552) recombinant protein. (Expected MW is 36.7 kDa)



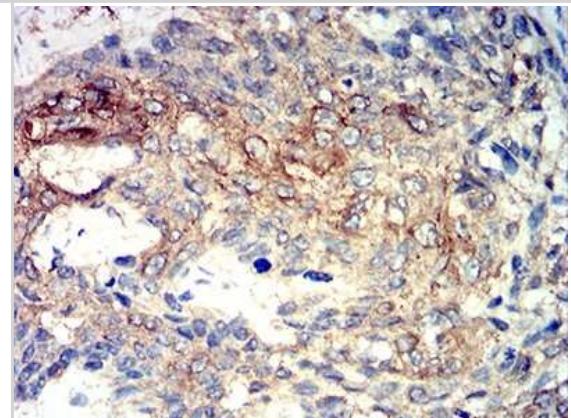
Immunohistochemistry: AMPK alpha 2 Antibody (5B4G1) [NBP2-61853]  
 - Analysis of paraffin-embedded rectum cancer tissues using PRKAA2 mouse mAb with DAB staining.



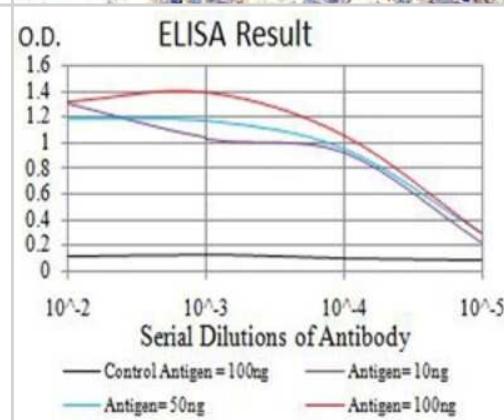
Western Blot: AMPK alpha 2 Antibody (5B4G1) [NBP2-61853] - Analysis using PRKAA2 mAb against HEK293 (1) and PRKAA2 (AA: 453-552)-hIgGFc transfected HEK293 (2) cell lysate.



Immunohistochemistry: AMPK alpha 2 Antibody (5B4G1) [NBP2-61853]  
 - Analysis of paraffin-embedded esophageal cancer tissues using PRKAA2 mouse mAb with DAB staining.



ELISA: AMPK alpha 2 Antibody (5B4G1) [NBP2-61853] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)





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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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