

# Product Datasheet

## MUC1 Antibody [Allophycocyanin] NBP1-60046APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-60046APC****MUC1 Antibody [Allophycocyanin]**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Allophycocyanin
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	21 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4582
<b>Gene Symbol</b>	MUC1
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine, Equine, Guinea Pig, Goat, Rabbit
<b>Reactivity Notes</b>	Goat reactivity reported in scientific literature (PMID: 28740504). Predicted to react with bovine (82%) and lar gibbon (94%) based on immunogen sequence similarity.
<b>Specificity/Sensitivity</b>	The immunogen for this antibody has 100% homology to human MUC1 isoforms S2, E2, 9, F, T10, 5, Y, Y-LSP, 8, 4, 3, 2, 1 and J13.
<b>Immunogen</b>	Synthetic peptides corresponding to a C terminal portion of the human MUC1 (between amino acids 1200-1250) [UniProt P15941].
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Knockout Validated
<b>Application Notes</b>	The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.



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### **Products Related to NBP1-60046APC**

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IC1051A	Rabbit IgG Isotype Control (60024B) [Allophycocyanin]
NBP1-60046	MUC1 Antibody - BSA Free
H00004582-Q01-10ug	Recombinant Human MUC1 GST (N-Term) Protein
1129-ER-050	ErbB2/Her2 [Unconjugated]

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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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