

# Product Datasheet

## MUC2 Antibody (996/1) [Alexa Fluor™ Plus 680] NB120-11197AFP680

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB120-11197AFP680**

MUC2 Antibody (996/1) [Alexa Fluor™ Plus 680]

<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>	Monoclonal
<b>Clone</b>	996/1
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Alexa Fluor Plus 680
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	4583
<b>Gene Symbol</b>	MUC2
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. Mouse reactivity reported in scientific literature (PMID: 24045942).
<b>Specificity/Sensitivity</b>	MUC2 Antibody (996/1) recognizes the human MUC2 mucin, and shows no cross-reactivity with MUC1, MUC3 or MUC4 mucins. In tissue sections colon, liver and prostate stain strongly. It recognizes malignant colonic mucosa and normal mucosa.
<b>Immunogen</b>	This MUC2 Antibody (996/1) was developed against MUC2 tandem repeat peptide
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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Frozen, ICC/IF (Negative)
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Intracellular), ICC/IF (Negative)
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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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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