

Product Datasheet

MUC5AC Antibody (SPM297) [Janelia Fluor® 525] NBP2-34758JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34758JF525

MUC5AC Antibody (SPM297) [Janelia Fluor® 525]

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | SPM297 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Janelia Fluor 525 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 4586 |
| Gene Symbol | MUC5AC |
| Species | Human, Mouse, Rat, Porcine, Chicken, Feline, Mammal, Monkey, Rabbit, Bovine (Negative) |
| Reactivity Notes | Hedgehog. Chicken. Does not react with Bovine. |
| Specificity/Sensitivity | This monoclonal antibody recognizes the peptide core of gastric mucin M1 (1,000kDa) (recently identified as Mucin 5AC). Its epitope is destroyed by beta-mercaptoethanol and proteases but not by periodate treatment. Antibody to gastric mucin M1 reacts with the gastric epithelium of normal human gastrointestinal tract as well as with the precancerous and cancerous colon but not with normal adult colon. It also reacts with fetal colonic mucosa. Resurgence of gastric mucin reactivity during colonic carcinogenesis is due to re-expression of the peptide core of gastric (or fetal colonic) mucins. |
| Immunogen | M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. |
| Product Application Details | |
| Applications | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready |
| Application Notes | 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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