LSBio
LifeSpan BioSciences, Inc.

# EMA / MUC1 Mouse anti-Human Monoclonal (FITC) Antibody - LS-B2244 - LSBio

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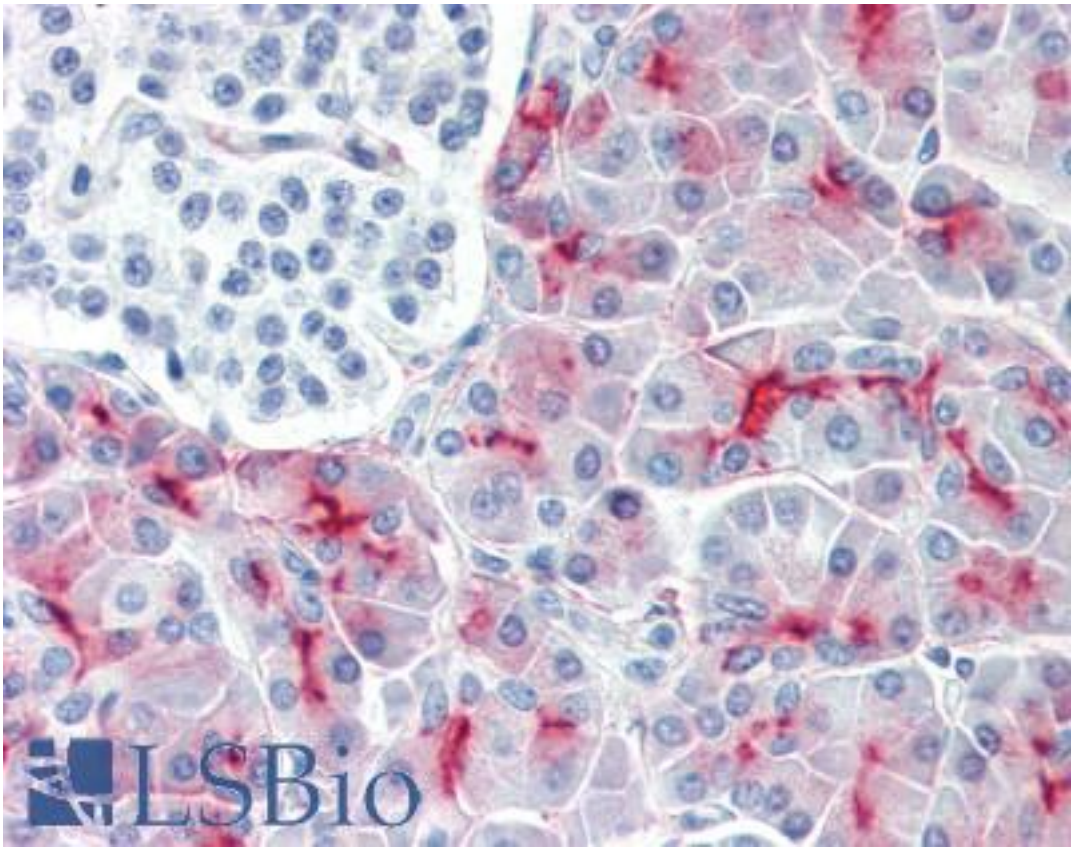
| **CatalogID:** | LS-B2244 |
| **Validation:** | This antibody replaces catalog number LS-C16634. It has been validated for use in the following assays: IHC-P. |
| **Target:** | mucin 1, cell surface associated (MUC1) |
| **Synonyms:** | MUC1 Antibody, CA15-3 Antibody, CD227 Antibody, Carcinoma-associated mucin Antibody, CD227 antigen Antibody, DF3 antigen Antibody, Episialin Antibody, Epithelial membrane antigen Antibody, H23 antigen Antibody, H23AG Antibody, Krebs von den Lungen-6 Antibody, MAM6 Antibody, MUC1/ZD Antibody, MUC-1/SEC Antibody, Mucin-1 Antibody, Pem Antibody, KL-6 Antibody, MUC-1/X Antibody, Tumor-associated mucin Antibody, Peanut-reactive urinary mucin Antibody, Polymorphic epithelial mucin Antibody, PUM Antibody, EMA Antibody, MUC-1 Antibody, Mucin 1, transmembrane Antibody |
| **Family / Subfamily:** | Mucin / not assigned-Mucin |
| **Host** | MUC1 antibody was produced in Mouse |
| **Clonality:** | Monoclonal |
| **Isotype:** | IgG3 |
| **Conjugations:** | Fluorescein (FITC) |
| **Immunogen Species:** | EMA / MUC1 antibody was raised against Human |
| **Immunogen:** | EMA / MUC1 antibody was raised against urinary MUC-1 mucin. |
| **Specificity:** | Recognizes human Mucin 1. Recognizes the peptide epitope Arg-Pro-Ala-Pro within the protein core of the mucin. |
| **Reactivity:** | Human |
| **Purification:** | Protein G purified |
| **Presentation:** | PBS, pH 7.4, 0.09% sodium azide, 1% BSA |
| **Recommended Storage:** | +4°C (short-term), -20°C (long-term). Protect from light. |
| **Usage Summary:** | Immunohistochemistry: LS-B2244 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2244 was determined to be 1:50. Flow Cytometry: Neat-1:10. Use 10 ul to label 10^6 cells in 100ul. |
| **Uses:** | IHC - Paraffin (1:50), Immunofluorescence, Flow Cytometry (Optimal dilution to be determined by the researcher) |
| **Size:** | 50 µg |
| **Concentration:** | 0.1 mg/ml |

**Immunohistochemistry Image:**




Anti-MUC1 antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2244 dilution 1:50.

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| **Requested From:** | Japan |