

39-1067: Anti-Mucin Gastric Monoclonal Antibody (Clone: 45M1)

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| Clonality : | Monoclonal |
| Clone Name : | 45M1 |
| Application : | WB,IHC-P,ICC |
| Reactivity : | Human |
| Gene : | MUC5AC |
| Gene ID : | 4586 |
| Uniprot ID : | P98088 |
| Alternative Name : | Mucin-5AC ; MUC-5AC ; Gastric mucin ; Lewis B blood group antigen ; LeB ; Major airway glycoprotein ; Mucin-5 subtype AC, tracheobronchial; Tracheobronchial mucin ; TBM ; MUC5AC ; MUC5 |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Mucin from human ovarian cyst fluid. |

Description

Mucin 5AC (Muc5AC) is a protein that in humans is encoded by the MUC5AC gene. Using real-time RT-PCR, Moehle et al. (2006) found that MUC5AC was highly expressed in adult trachea and stomach. Expression was lower in adult lung and weak in fetal lung, and no expression was detected in other tissues. This gene has been linked to mucus hypersecretion in the pulmonary tracts and associated to chronic obstructive pulmonary disease. Moreover, Muc5ac is identified as a direct and critical mediator of resistance during intestinal nematode infection.

Product Info

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| Amount : | 100 µg/vial |
| Purification : | Ascites |
| Content : | Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml. |
| Storage condition : | At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |

Application Note

Western blot : 1-2 µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 2-4 µg/ml; Immunocytochemistry : 1 µg/ml;

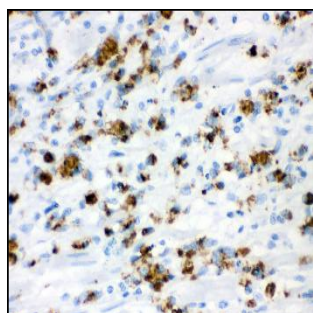


Figure 1: Anti-Mucin Gastric antibody(39-1067). IHC(P): Human Gastric Cancer Tissue.

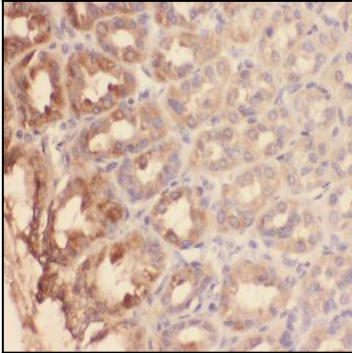


Figure 2: Anti-Mucin Gastric antibody(39-1067). IHC(P): Rat Gastric Cancer Tissue.