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

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 l ung and weak in fetal lung, and no expression was detected in other tissues. This gene has been linked to mucus hypersecre tion in the pulmonary tracts and associated to chronic obstructive pulmonary disease. Moreover, Muc5ac is identified as a dir ect and critical mediator of resistance during intestinal nematode infection.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 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 : 1-2Ã‚Â¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 2-4Ã‚Â¼g/ml; Immunocytochemistry : 1Ã‚Â¼g/ml;

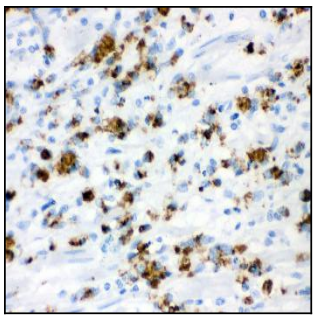


Figure 1: Anti-Mucin Gastric antibody(39-1067). IHC(P): Human Gastric Cancer Tissue.

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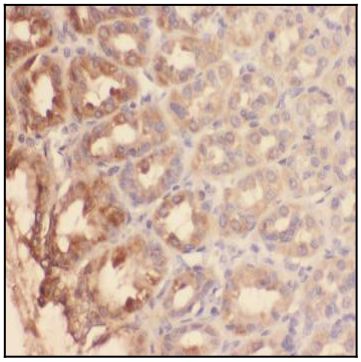


Figure 2: Anti-Mucin Gastric antibody(39-1067). IHC(P): Rat Gastric Cancer Tissue.

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