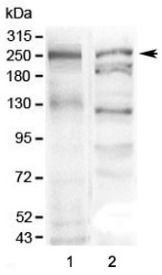
MUC6 Antibody (RQ4458)

Catalog No.	Formulation	Size
RQ4458	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q6W4X9
Localization	Secreted
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml (human recombinant protein)
Limitations	This MUC6 antibody is available for research use only.



Western blot testing of 1) mouse stomach and 2) human SGC-7901 lysate with MUC6 antibody at 0.5ug/ml. Predicted molecular weight ~257 kDa.

Description

Mucin 6, oligomeric mucus/gel-forming, also known as MUC6, is a human gene. This gene encodes a member of the mucin protein family. Mucins are high molecular weight glycoproteins produced by many epithelial tissues. The protein encoded by this gene is secreted and forms an insoluble mucous barrier that protects the gut lumen. The MUC6 gene encodes gastric mucin, a secreted glycoprotein that plays an essential role in epithelial cytoprotection from acid,

proteases, pathogenic microorganisms, and mechanical trauma in the gastrointestinal tract.

Application Notes

Optimal dilution of the MUC6 antibody should be determined by the researcher.

Immunogen

Human Gastric Mucin recombinant protein (amino acids H52-R230) was used as the immunogen for the MUC6 antibody.

Storage

After reconstitution, the MUC6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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