Datasheet for ABIN768619

anti-MUC5B antibody (Internal Region)

2 Images

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Overview

Quantity:	100 µg
Target:	MUC5B
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MUC5B antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Muc5b (mouse)
Immunogen:	Peptide with sequence QHTYTHIDECN, from the internal region of the protein sequence according to NP_002449.1.
Sequence:	QHTYTHIDEC N
Isotype:	IgG
Specificity:	EB06890
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

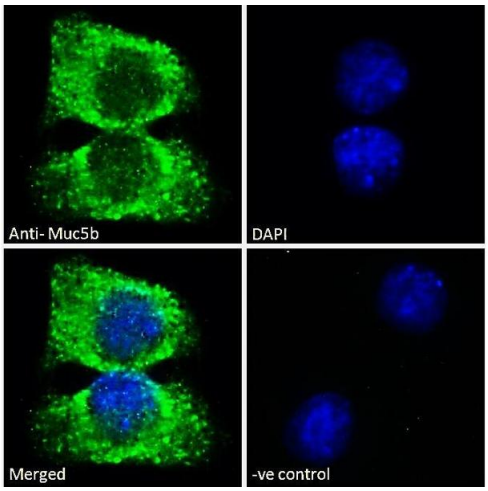
Target:	MUC5B
Alternative Name:	Muc5b (MUC5B Products)
Background:	Muc5b, mucin 5, subtype B, tracheobronchial, 2300002I04Rik, A130042M24, AV085033, MUC5, MUC9, mucin 5b
Molecular Weight:	515kDa
Gene ID:	727897, 74180, 309114
NCBI Accession:	NP_002449

Application Details

Application Notes:	Western Blot: Not yet tested - our routine western blotting protocol does not allow for the detection of proteins >250 kDa. Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	**Immunofluorescence:** Strong expression of the protein seen in vesicles of NIH3T3 cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

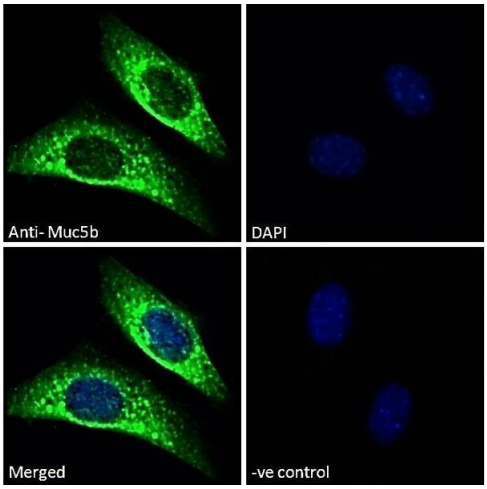
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunofluorescence

Image 1. ABIN768619-Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Immunofluorescence

Image 2. ABIN768619 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

