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Datasheet for ABIN334440
anti-MUC13 antibody (Internal Region)

2 Images

Overview

Quantity:	100 µg
Target:	MUC13
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MUC13 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	MUC13
Immunogen:	Peptide with sequence DCKSDLQRPNPQ, from the internal region of the protein sequence according to NP_149038.2.
Sequence:	DCKSDLQRPN PQ
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

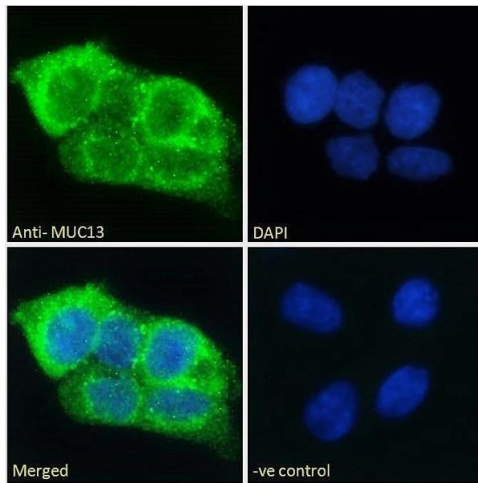
Target:	MUC13
Alternative Name:	MUC13 (MUC13 Products)
Background:	MUC13, mucin 13, cell surface associated, DRCC1, FLJ20063, down-regulated in colon cancer 1, mucin 13, epithelial transmembrane
Gene ID:	56667
NCBI Accession:	NP_149038

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:4000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of HepG2 and Caco-2 cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

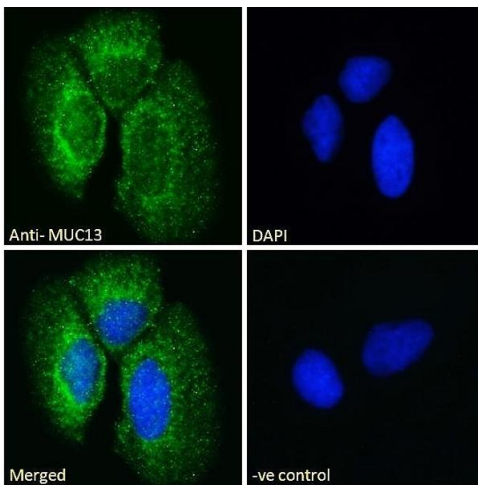
Handling

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. ABIN334440 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI (



Immunofluorescence

Image 2. ABIN334440 Immunofluorescence analysis of paraformaldehyde fixed Caco-2 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI