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Datasheet for ABIN7091430 **anti-MUC4 antibody**

Overview

Quantity:	100 µL
Target:	MUC4
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This MUC4 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MUC-4
Clone:	M1F3
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	MUC4
Alternative Name:	MUC-4 (MUC4 Products)
Background:	Synonyms: Mucin4, Mucin-4, Mucin 4, MUC-4, Ascites sialoglycoprotein, ASGP, Pancreatic

Target Details

adenocarcinoma mucin, Testis mucin, Tracheobronchial mucin, Mucin-4 alpha chain, Ascites sialoglycoprotein 1, ASGP-1, Mucin-4 beta chain, Ascites sialoglycoprotein 2, ASGP-2, Mucin 4 cell surface associated, Mucin 4 tracheobronchial, Tracheobronchial mucin Fragment, MUC4_HUMAN.

Background: The major constituents of mucus, the viscous secretion that covers epithelial surfaces such as those in the trachea, colon, and cervix, are highly glycosylated proteins called mucins. These glycoproteins play important roles in the protection of the epithelial cells and have been implicated in epithelial renewal and differentiation. This gene encodes an integral membrane glycoprotein found on the cell surface, although secreted isoforms may exist. At least two dozen transcript variants of this gene have been found, although for many of them the full-length transcript has not been determined or they are found only in tumor tissues. This gene contains a region in the coding sequence which has a variable number (>100) of 48 nt tandem repeats. [provided by RefSeq].

Gene ID:	4585
UniProt:	Q99102
Pathways:	Regulation of Leukocyte Mediated Immunity

Application Details

Application Notes:	IHC-P 1:200-400 IF() ICC 1:100-500
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months