

Datasheet for ABIN7193862
anti-MUC12 antibody (AA 371-592)



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Overview

Quantity:	100 µL
Target:	MUC12
Binding Specificity:	AA 371-592
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC12 antibody is un-conjugated
Application:	Immunocytochemistry (ICC), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	MUC12 Antibody
Immunogen:	Purified recombinant fragment of human MUC12 (AA: 371-592) expressed in E. Coli.
Clone:	2C6E1
Isotype:	IgG2b
Purification:	Purified antibody

Target Details

Target:	MUC12
Alternative Name:	MUC12 (MUC12 Products)
Background:	This gene encodes an integral membrane glycoprotein that is a member of the mucin family.

Target Details

Mucins are O-glycosylated proteins that play an essential role in forming protective mucous barriers on epithelial surfaces and have been implicated in epithelial renewal and differentiation. These glycoproteins also play a role in intracellular signaling. This protein is expressed on the apical membrane surface of epithelial cells that line the mucosal surfaces of many different tissues including the colon, pancreas, prostate, and uterus. The expression of this gene is downregulated in colorectal cancer tissue.

Molecular Weight: 55.8 kDa

UniProt: [Q9UKN1](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400
ICC: 1/50 - 1/200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.