

Product datasheet for **TA361181**

MUC4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MUC4
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	123 kDa
Gene Name:	mucin 4, cell surface associated
Database Link:	NP_004523.3 Entrez Gene 4585 Human Q99102-12



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Background:

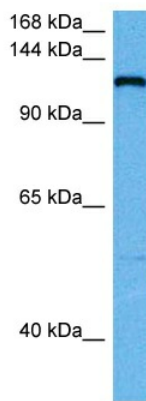
The major constituents of mucus, the viscous secretion that covers epithelial surfaces such as those in the trachea, colon, and cervix, are highly glycosylated proteins called mucins. These glycoproteins play important roles in the protection of the epithelial cells and have been implicated in epithelial 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.

Synonyms:

ASGP; HSA276359; MUC-4

Protein Families:

Druggable Genome, Transmembrane

Product images:


Host: Rabbit
Target Name: MUC4
Sample Type: NCI-H226 Cell Lysate
Antibody Dilution: 1.0µg/ml

Host: Rabbit
Target Name: MUC4
Sample Tissue: Human NCI-H226 Whole Cell lysates
Antibody Dilution: 1ug/ml