

MUC4 blocking peptide

MUC4 Peptide - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201861	Rabbit	Tested Reactivity: Human (Predicted Reactivity: Human)	Western Blot

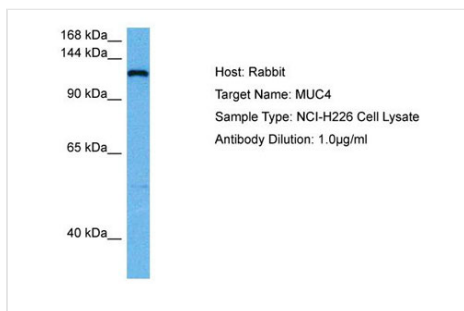
PRODUCT SYNONYMS

MUC4; Polyclonal Blocking Peptide; MUC4 Peptide - middle region; MUC4 blocking peptide

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human (Predicted Reactivity: Human)
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid; Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: VW NNNPEDDFRM PNGSTIPPGS PEEMLFHFGM TWQINGTGLL GKRNDQLP
Sequence Length	1125 amino acids
Applicable Applications for MUC4 blocking peptide	WB (Western Blot)
Protein Size (#AA)	1125 amino acids
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MUC4
Quality control	The peptide is characterized by mass spectroscopy.
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for MUC4 blocking peptide	This is a synthetic peptide designed for use in combination with anti- MUC4 Antibody, made Target Description: 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.
Product Categories/Family for MUC4 blocking peptide	Peptide

NCBI AND UNIPROT INFORMATION

NCBI GI #	112382233
NCBI GeneID	4585
NCBI Accession #	NP_004523.3
NCBI GenBank Nucleotide #	NM_004532.5
UniProt Accession #	Q99102-12; Q99102
Molecular Weight	123 kDa
NCBI Official Full Name	mucin-4 isoform d
NCBI Official Synonym Full Names	mucin 4, cell surface associated
NCBI Official Symbol	MUC4
NCBI Official Synonym Symbols	ASGP; MUC-4; HSA276359
NCBI Protein Information	mucin-4
UniProt Protein Name	Mucin-4
UniProt Gene Name	MUC4
UniProt Synonym Gene Names	MUC-4; ASGP; ASGP-1; ASGP-2
UniProt Entry Name	MUC4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/muc4-blocking-peptide-western-blot-elisa/201861>