

Product datasheet for **TA423056**

Mucin 5AC (MUC5AC) Rabbit Monoclonal Antibody [Clone ID: OTIRA0875]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIRA0875
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human MUC5AC
Specificity:	MUC5AC Antibody detects endogenous levels of total MUC5AC
Formulation:	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at +4°C short term. Store at -22°C long term. Avoid freeze / thaw cycle.
Predicted Protein Size:	220~600kDa
Gene Name:	mucin 5AC, oligomeric mucus/gel-forming
Database Link:	Entrez Gene 4586 Human P98088

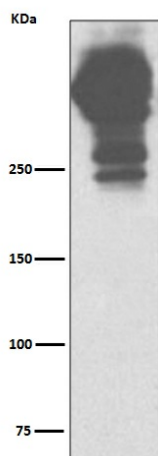


Background:

Gastric Mucin 5AC antigen is found in columnar mucus cells of surface gastric epithelium and in goblet cells of the fetal and precancerous colon but not in normal colon. Resurgence of gastric mucin during colonic carcinogenesis is suggestive of either re-expression of the peptide core of gastric mucin in the adult colon or due to changes in the glycosylation pattern of mucin, which expose the hidden Mucin 5AC antigen.

Synonyms:

Apomucin; Gastric mucin; LeB; MUC5AC; Mucin 5AC oligomeric mucus/gel forming; TBM

Product images:

Western blot analysis of MUC5AC expression in human stomach lysate.