



MUC4 mouse mAb(ABT-MUC4)

Catalog No	YP-Ab-15464
Isotype	IgG
Reactivity	Human
Applications	IHC-p;IF(paraffin section)
Gene Name	MUC4
Protein Name	MUC4
Immunogen	Synthesized peptide derived from human MUC4
Specificity	This antibody detects endogenous levels of human MUC4. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin section
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse/IgG2b, Kappa
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:100-500
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Mucin-4 (MUC-4;Ascites sialoglycoprotein;ASGP;Pancreatic adenocarcinoma mucin;Testis mucin;Tracheobronchial mucin) [Cleaved into: Mucin-4 alpha chain (Ascites sialoglycoprotein 1;ASGP-1); Mucin-4 beta chain (Ascites sialoglycoprotein 2;ASGP-2)]
Observed Band	
Cell Pathway	[Mucin-4 beta chain]: Cell membrane ; Single-pass membrane protein . Isoforms lacking the Cys-rich region, EGF-like domains and transmembrane region are secreted. Secretion occurs by splicing or proteolytic processing. . ; [Mucin-4 alpha chain]: Cell membrane . Secreted . Forms a complex with Mucin-4 beta chain at the cell membrane. . ; [Isoform 3]: Cell membrane ; Single-pass membrane protein . ; [Isoform 11]: Secreted . ; [Isoform 15]: Secreted . ; [Isoform 17]: Cell membrane ; Single-pass membrane protein .
Tissue Specificity	Expressed in the thymus, thyroid, lung, trachea, esophagus, stomach, small intestine, colon, testis, prostate, ovary, uterus, placenta, and mammary and salivary glands. Expressed in carcinomas arising from some of these epithelia, such as lung cancers, squamous cell carcinomas of the upper aerodigestive tract, mammary carcinomas, biliary tract, colon, and cervix cancers. Minimally or not expressed in the normal pancreas or chronic pancreatitis, but is highly expressed in pancreatic tumors and pancreatic tumor cell lines.



Function

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images