



Mouse Anti-Human MUC1 Monoclonal Antibody, clone D606 [Functional Grade] (CABT-Z473M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Purified human MUC1.
Isotype	IgG3, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	D606
Purification	Protein A purified
Conjugate	Functional Grade
Applications	IHC-P, IF, WB, Cyt
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. Endotoxin Level<0.002 EU/μg by the LAL method.
Preservative	None
Storage	Store at the stock concentration at 4°C. Do not freeze.

Ship

Wet ice

BACKGROUND

Introduction

MUC1, a 500-1000 kDa transmembrane glycoprotein with a large mucin-like extracellular domain. MUC1 is highly polymorphic and is expressed on most mucosal epithelial cells, including mammary gland and some hematopoietic cells. MUC1 is heavily glycosylated and plays a crucial role in the lubrication and protection of normal epithelial cells. MUC1 is abnormally expressed in a wide variety of malignancies, including colon, breast, ovarian, lung and pancreatic cancers. MUC1 promotes cancer cell growth and metastases through multiple mechanisms.

Keywords

MUC1;mucin 1, cell surface associated; mucin 1, transmembrane, PUM;mucin-1;CD227;PEM

GENE INFORMATION

Gene Name MUC1

Entrez Gene ID [4582](#)

UniProt ID [P15941](#)
