

## MUC1

### Research Grade Anti-Human Hypo-glycosylated MUC1 (TAB004)

<b>Catalog No.</b>	DHD14208A DHD14208B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	Cancer antigen 15-3, MUC-1, Episialin, MUC1-CT, MUC1-beta, Tumor-associated mucin, CD227, Polymorphic epithelial mucin, KL-6, MUC1-alpha, MUC1, PUM, Krebs von den Lungen-6, MUC1-NT, Tumor-associated epithelial membrane antigen, Mucin-1, Breast carcinoma-associated antigen DF3, Carcinoma-associated mucin		
<b>Description:</b>	Research Grade Anti-Human Hypo-glycosylated MUC1 (TAB004) is a chimeric monoclonal antibody that is highly specific for the tumor-associated form of the MUC1 protein (tMUC1) which is overexpressed and aberrantly glycosylated. TAB-004 distinguishes between normal and cancerous MUC1, binding to tMUC1, leaving normal MUC1 on healthy cells unaffected. It has potential in targeted therapy for various cancers, particularly triple-negative breast cancer (TNBC) and pancreatic ductal adenocarcinoma (PDAC).		
<b>UniProt ID (target):</b>	P15941		
<b>Specificity:</b>	Human Cancer antigen 15-3 (MUC-1)		
<b>Source:</b>	Mammalian cells		
<b>Isotype:</b>	Chimeric IgG1		
<b>Clone:</b>	TAB004		
<b>Concentration:</b>	1.0 mg/ml, lot specific		
<b>Formulation:</b>	0.01M PBS, pH 7.4		
<b>Purity:</b>	> 95% as determined by SDS-PAGE		
<b>Purification:</b>	Protein A/G affinity chromatography from cell culture supernatant		
<b>Endotoxin:</b>	≤ 0.01 EU/µg by LAL analysis		
<b>Application:</b>	Functional studies		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for up to 1 week, or unopened at -20°C to -80°C for up to 1 year. Recommended to store aliquots at -20°C to -80°C. <b>Avoid freeze/thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

