

MUC1

Research Grade Anti-Human CD227/MUC1 (TAB-004)

Catalog No.	DHD14218A DHD14218B	Quantity:	100 µg 1.0 mg
Alternate Names:	TAB-004, TAB 004, TAB004		
Description:	Research Grade Anti-Human CD227/MUC1 (TAB-004) is a humanized 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).		
UniProt ID (target):	P15941		
Specificity:	Human Mucin-1 (CA 15-3)		
Source:	Mammalian cells		
Isotype:	Human IgG1 kappa		
Clone:	TAB-004		
Concentration:	1.0 mg/ml, lot specific		
Formulation:	PBS, pH 6.0 containing 0.2M Arg		
Purity:	> 95% as determined by SDS-PAGE		
Purification:	Protein A/G affinity chromatography from cell culture supernatant		
Endotoxin:	≤ 0.01 EU/µg by LAL analysis		
Application:	Functional studies		
Storage & Stability:	Recommended storage, undiluted at 2-8°C for up to 1 week, or in working aliquots at -20°C to -80°C for up to 1 year. Avoid freeze/thaw cycles.		

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



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