

## MUC1

### Anti-Human MUC1-Tn/STn (5E5#) mAb, PE

<b>Catalog No.</b>	FHD14212A FHD14212B	<b>Quantity:</b>	50 tests 100 tests
<b>Alternate Names:</b>	Mucin-1, MUC-1, MUC1-Tn/STn, Cancer antigen 15-3, CA 15-3, Carcinoma-associated mucin, Breast carcinoma-associated antigen DF3, Tumor-associated mucin, Tumor-associated epithelial membrane antigen, EMA, Episialin, PEMT, Peanut-reactive urinary mucin, PUM, Polymorphic epithelial mucin, PEM, CD227		
<b>Description:</b>	Human Anti-Mucin-1 (MUC1) antibodies are used in cancer diagnosis and therapy for specific binding dependent on the differential glycosylation of MUC1, Tn-antigen (GalNAc $\alpha$ 1-O-Ser/Thr) and sialyl Tn-antigen (STn = Neu5Ac $\alpha$ 2-6GalNAc $\alpha$ 1-O-Ser/Thr)		
<b>UniProt ID (target):</b>	P15941		
<b>Target:</b>	Human Mucin-1-Tn/STn		
<b>Concentration:</b>	0.5 mg/ml, lot specific		
<b>Source:</b>	Mammalian cell line		
<b>Isotype:</b>	Human IgG1		
<b>Formulation:</b>	0.01M PBS buffer, pH 7.4, 0.2% BSA, 0.05% Proclin 300		
<b>Purity:</b>	> 95% by SDS-PAGE and SEC-HPLC		
<b>Clone:</b>	5E5#		
<b>Purification:</b>	Protein A/G affinity chromatography		
<b>Conjugate:</b>	PE, phycoerythrin		
<b>Applications:</b>	<b>FCM:</b> 0.5 $\mu$ g/test <b>IHC:</b> suggested dilution 1:20–1:200		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for up to 1 year. <b>Protect from light. Do not freeze.</b>		

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