

Product name:	MUC1 (8S2) Rabbit Monoclonal Antibody
Cat number:	MABN14225
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human MUC1
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:2000, IHC 1:20-1:500, ICC/IF 1:100-1:200, FC 1:20-1:50, IP 1:20-1:50
Molecular Weight:	122kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Supplied in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% New type preservative N and 0.05% BSA.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	This gene is a member of the mucin family and encodes a membrane bound, glycosylated phosphoprotein. This protein is anchored to the apical surface of many epithelia by a transmembrane domain, with the degree of glycosylation varying with cell type. The protein serves a protective function, binding to pathogens, as well as functioning in a cell signaling capacity. The alpha subunit has cell adhesive properties. Can act both as an adhesion and an anti-adhesion protein. May provide a protective layer on epithelial cells against bacterial and enzyme attack.