

## Change Notification

Affected Products	Monoclonal Antibodies
Product numbers	A011, A013, A033, A034, A036, A037, A042, A043, A054, A056, A059, A060, A064, A067, A070, A071, A082, A085, A086, A139, A140, A141, A143, A144, A154, A155, A157, A158, A159, A165, A166
Reason	Demand for increased storage time.
Change description	Addition of 50% glycerol results in new formulation: A034: 50 mM PBS + 0.01% Na azide, 50% glycerol.  All other above mentioned antibodies: 75 mM NaCl, 5 mM Tris, pH7.5, 0.025% sodium azide, 50% glycerol.  Storage of antibodies at -80°C.
Conformity assessment	ELISA performance of antibodies in new formulation was compared to formulation without glycerol. Results were comparable.
Measure	Antibody formulation is changed to formulation containing 50% glycerol. Antibodies are stored at -80°C until shipping/usage. Current shelf life is 1 year with potential of shelf-life extension upon retesting. Long term stability is under examination. Customers are going to be notified about the change by email.
Note	This document is valid without a signature.