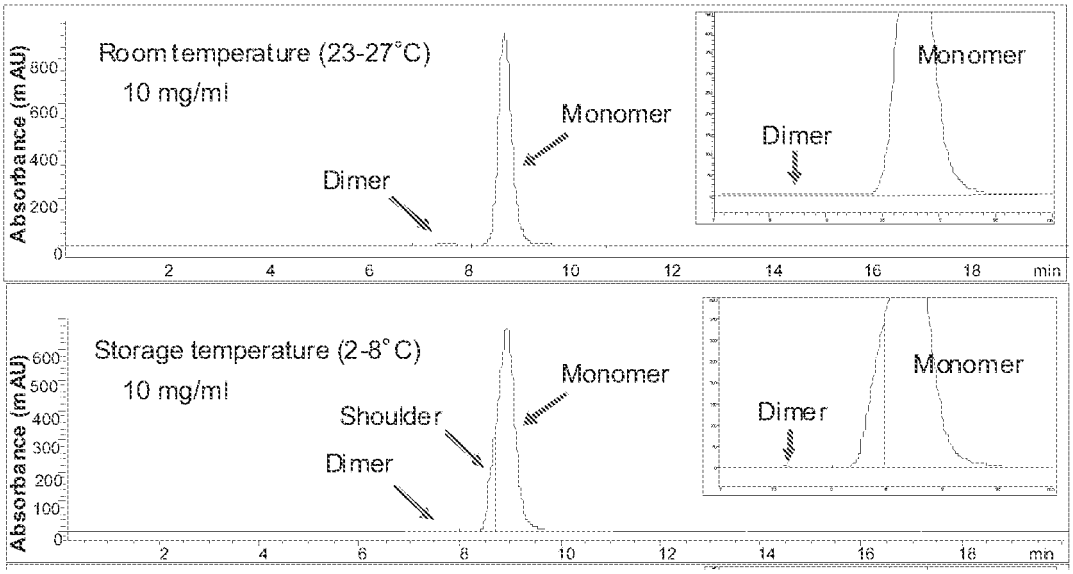
Figure 1. MabA exhibits RSA tendency in non-sucrose-containing acetate/salt formulation

A. High Performance Size Exclusion Chromatography (HPSEC)



B. Analytical Ultracentrifugation (AUC)

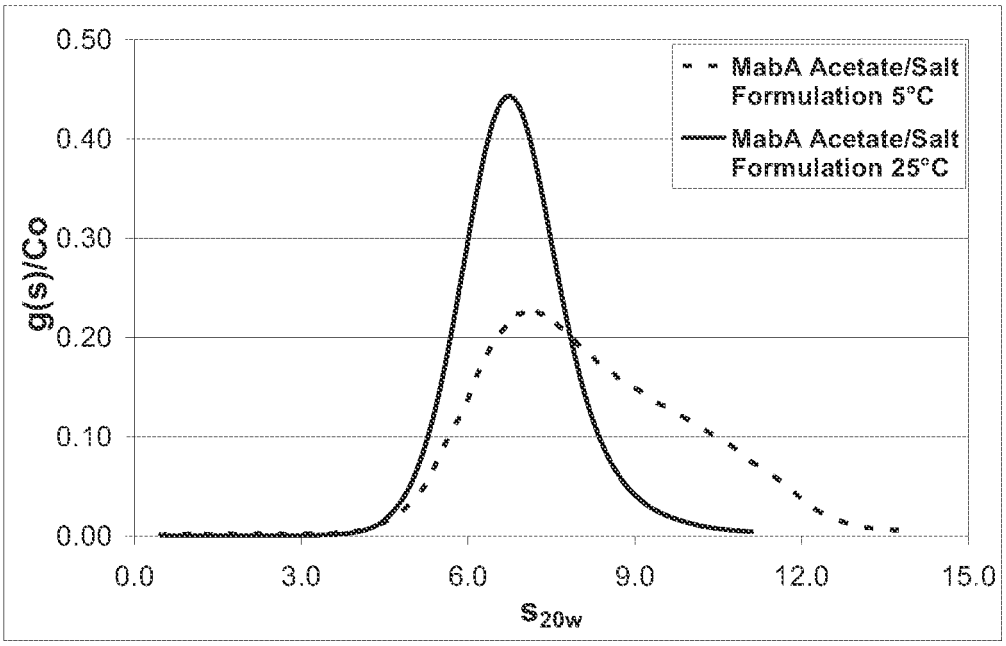
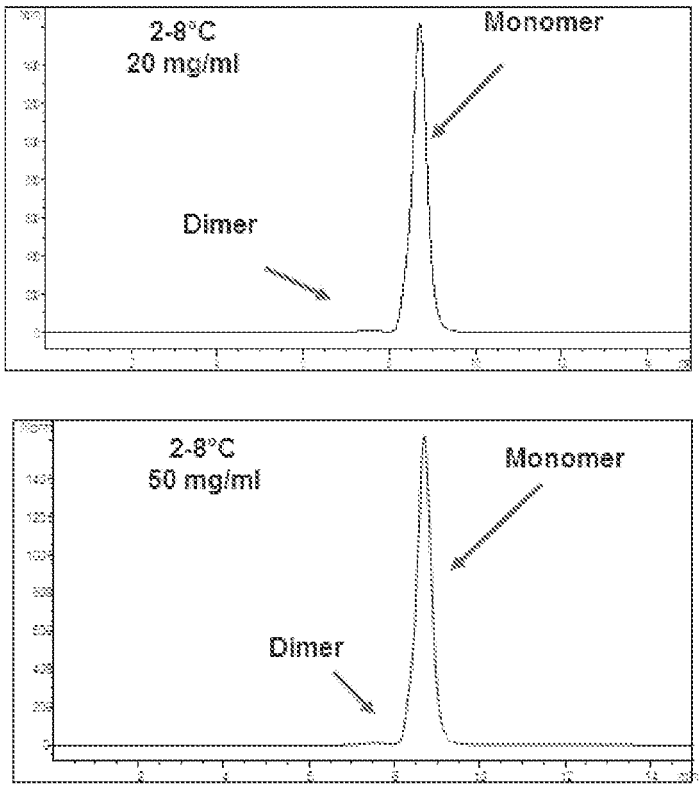


Figure 2. Reduction of RSA of MabA in sucrose formulation as determined by HPSEC and AUC

A. High Performance Size Exclusion Chromatography (HPSEC)



B. Analytical Ultracentrifugation (AUC)

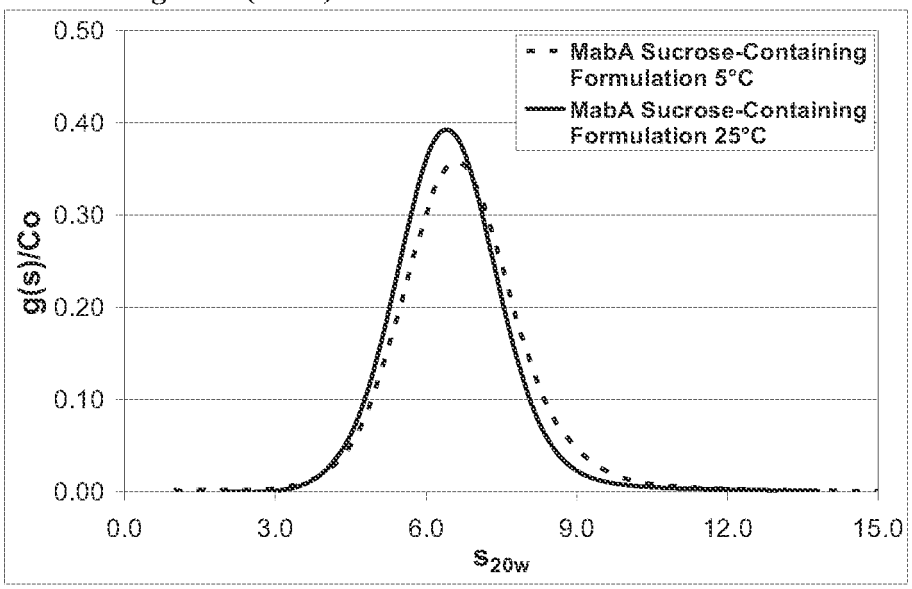
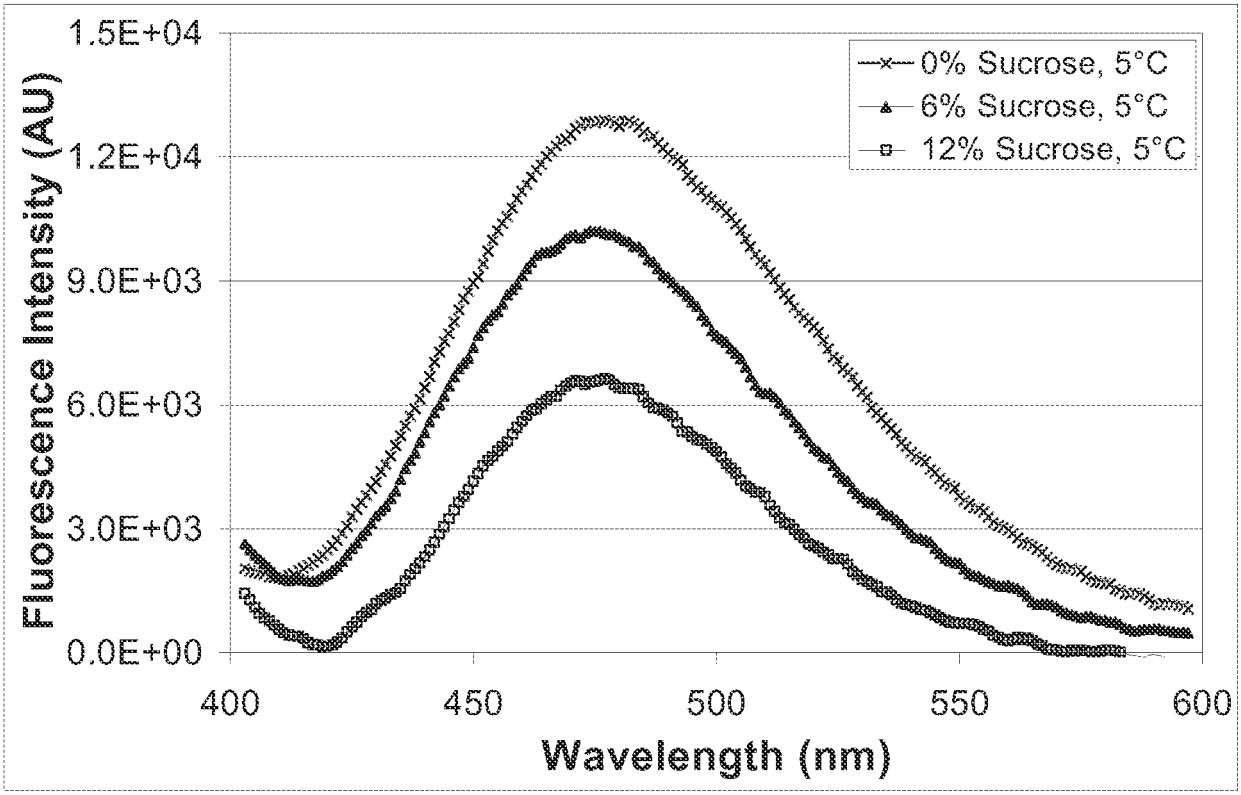


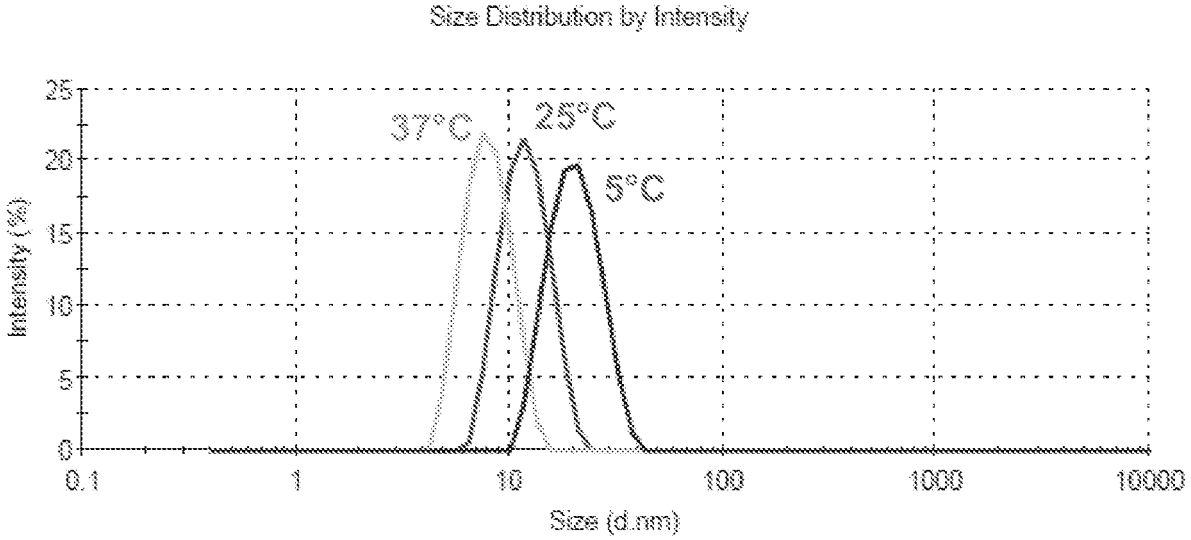
Figure 3. Interaction between ANS and hydrophobic surfaces on MabA diminish with increasing sucrose content



MabA Formulations	ANS λmax intensity (AU) 5°C	25°C (not shown)
0% Sucrose-Containing	13055	7141
6% Sucrose-Containing	10293	5485
12% Sucrose-Containing	6781	4876

Figure 4. Measurement of MabA hydrodynamic radius at various temperatures in sucrose-containing or non-sucrose-containing formulations

A. Non-sucrose-containing formulation



B. Sucrose-containing formulation

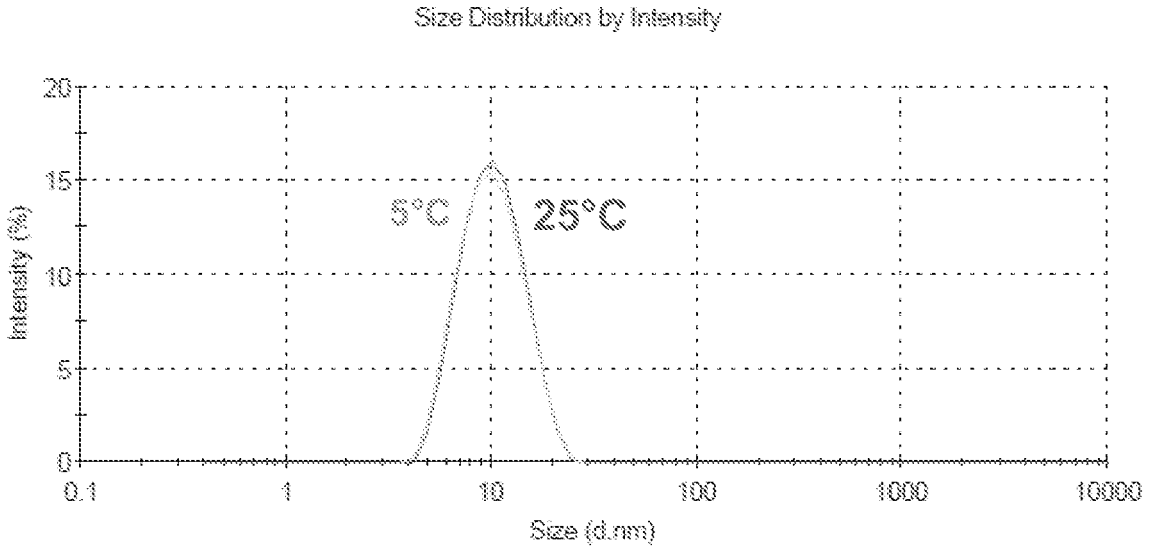


Figure 5. Enhanced thermal stability of MabA in sucrose-containing formulation

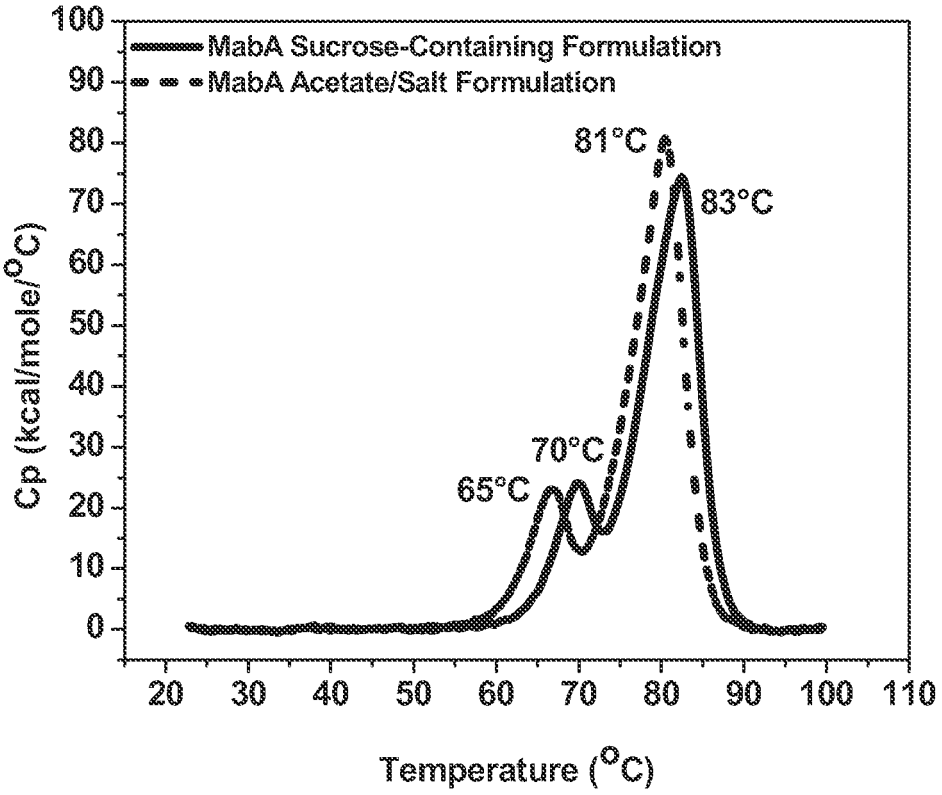


Figure 6. Sucrose-containing formulation promotes net-repulsive second virial coefficient

