

## Supplementary Material

### Immunomodulatory Activity of Polysaccharides Isolated from *Saussurea salicifolia* L. and *Saussurea frolovii* Ledeb.

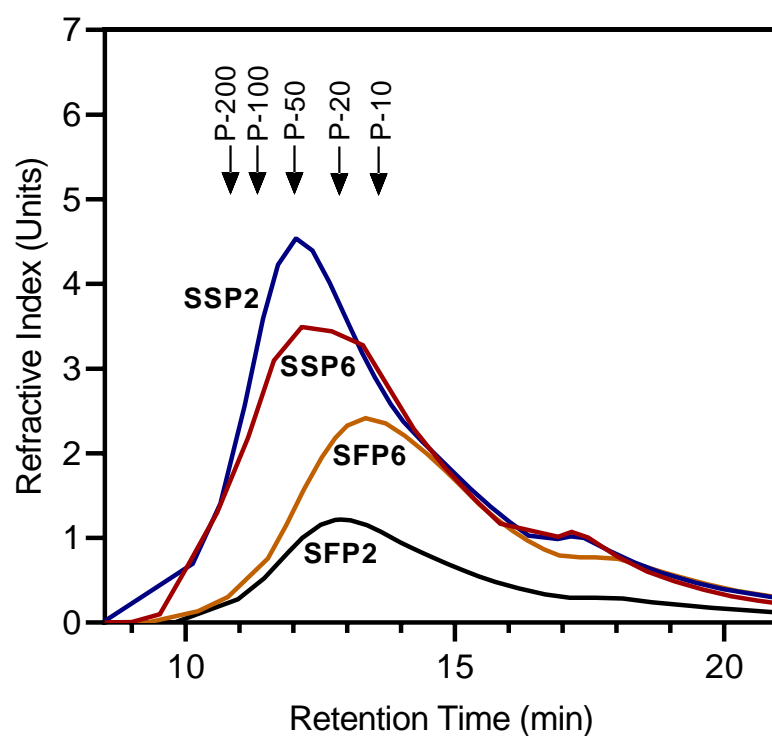
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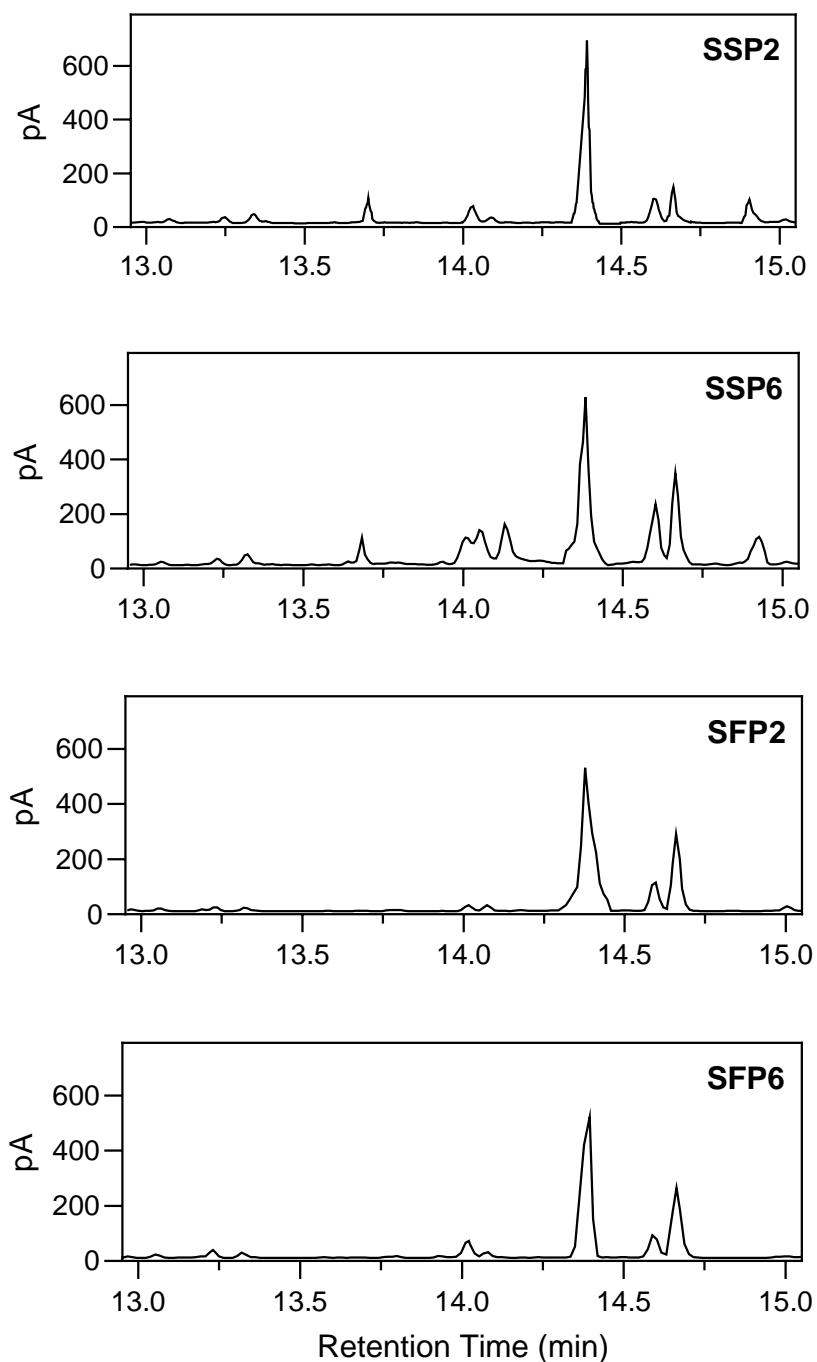
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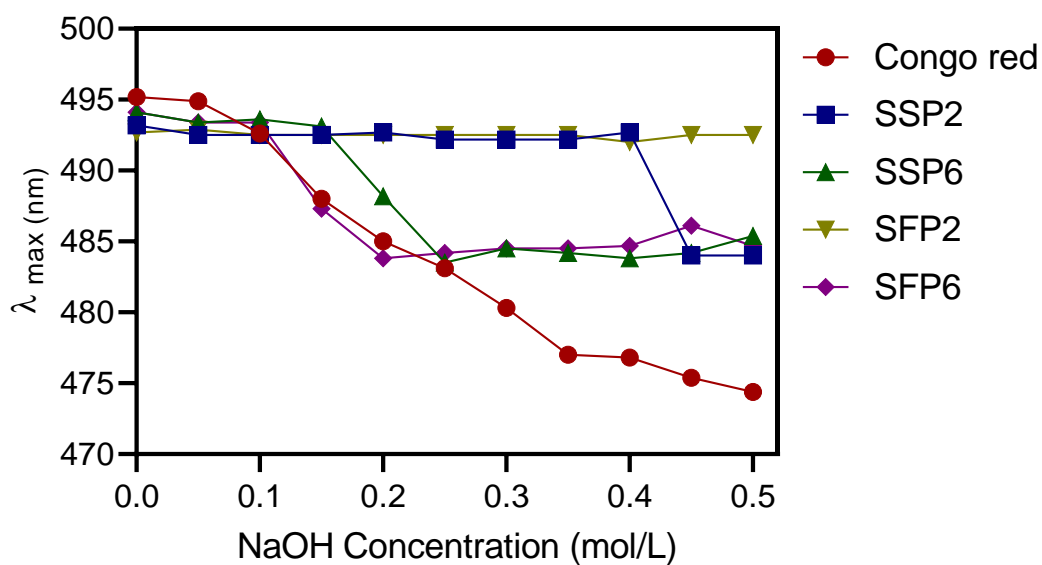
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**Figure S1.** High performance size-exclusion chromatography (HP-SEC) analysis of homogeneity and average molecular weight of the polysaccharide fractions isolated from *Saussurea salicifolia* L. and *Saussurea frolovii* Ledeb. Polysaccharide fractions SSP2, SSP6, SFP2, and SFP6 were analyzed by HP-SEC and monitored with a refractive index detector, as described under Material and Methods. The arrows show peak retention times of the indicated pullulan standards used for calibration [P-200 (200 kDa), P-100 (11.3 kDa), P-50 (48.8 kDa), P-20 (23.0 kDa), and P-10 (9.9 kDa)].



**Figure S2.** Chromatograms of derivatized monosaccharides in the polysaccharide samples isolated from *S. salicifolia* (SSP2 and SSP6) and *S. frolovii* (SFP2 and SFP6) analyzed by gas chromatography/flame ionization detector (GC/FID). The retention times values of standards were 13.68, 14.38, 14.66, and 14.92 min for rhamnose, xylose, glucose, and galactose, respectively.



**Figure S3.** Congo red analysis of the polysaccharide fractions.

**Table S1.** Effect of *Saussurea* polysaccharide fractions on macrophage viability

Concentration	SSP2	SSP6	SFP2
	Macrophage Viability (% from Media Control)		
2 µg/mL	88.1 ± 1.0	95.7 ± 1.1	95.8 ± 1.9
20 µg/mL	93.9 ± 1.5	97.7 ± 1.8	87.7 ± 0.4
60 µg/mL	87.1 ± 1.6	96.9 ± 0.5	85.8 ± 0.2