

Table S1. Antibodies and dilution used.

Antigen	Species of origin	Dilution	Supplier
C6ST-1 (H-110)	Rabbit	1:50	Santa Cruz Biotechnology
CD117	Rabbit	1:500	Dakocytomation
ColXVIII	Mouse	1:100	Thermoscientific
CS (Clone CS-56)	Mouse	1:100	Sigma-Aldrich Corp
CS4ST2	Goat	1:100	Santa Cruz Biotechnology
Glypican -4	Rabbit	1:100	Thermo Scientific
HS (10E4 epitope)	Mouse	1:50	amsbio
HS2ST1 (Z-23)	Rabbit	1: 100	Santa Cruz Biotechnology
NDST1	Mouse	1:50	Santa Cruz Biotechnology
Perlecan	Rabbit	1:100	Santa Cruz Biotechnology
Sydecn1 (CD138)	Mouse	1:25	Dakocytomation
UST	Rabbit	1:100	Thermoscientific