

**Table S1.** The determination of the binding epitope of C<sub>44</sub>Mab-18 by ELISA.

Peptide	Coding exon*	Sequence	C <sub>44</sub> Mab-18
CD44p221–240	5/v3	ATSTSSNTISAGWEPNEENE	–
CD44p231–250	v3	AGWEPNEENEDERDRHLSFS	–
CD44p241–260	v3	DERDRHLSFSGSGIDDDDEF	–
CD44p251–270	v3/v4	GSGIDDDDEFISSTISTTPR	–
CD44p261–280	v3/v4	ISSTISTTPRAFDHTKQNQD	–
CD44p271–290	v4	AFDHTKQNQDWTQWNPSHSN	–
CD44p281–300	v4	WTQWNPSHSNPEVLLQTTR	–
CD44p291–310	v4/v5	PEVLLQTTRMTDVRNGTT	–
CD44p301–320	v4/v5	MTDVRNGTTAYEGNWNPEA	–
CD44p311–330	v5	AYEGNWNPEAHPPLIHHEHH	–
CD44p321–340	v5	HPPLIHHEHHEEEETPHSTS	–
CD44p331–350	v5/v6	EEEETPHSTSTIQATPSSTT	–
CD44p341–360	v5/v6	TIQATPSSTTEETATQKEQW	–
CD44p351–370	v6	EETATQKEQWFGNRWHEGYR	–
CD44p361–380	v6	FGNRWHEGYRQTPREDSHST	–
CD44p371–390	v6/v7	QTPREDSHSTTGTAASAHT	–
CD44p381–400	v6/v7	TGTAASAHTSHPMQGRTP	–
CD44p391–410	v7	SHPMQGRTPSPEDSSWTF	–
CD44p401–420	v7	SPEDSSWTFNPNISHPMGR	–
CD44p411–430	v7/v8	FNPISHPMGRGHQAGRRMDM	–
CD44p421–440	v7/v8	GHQAGRRMDMDSSHSTTLQP	–
CD44p431–450	v8	DSSHSTTLQPTANPNTGLVE	–
CD44p441–460	v8	TANPNTGLVEDLDRTGPLSM	–
CD44p451–470	v8/v9	DLDRTPGLSMTTQQSNSQSF	–
CD44p461–480	v8/v9	TTQQSNSQSFSTSHGLEED	–
CD44p471–490	v9	STSHGLEEDKDHPTTSTLT	–
CD44p481–500	v9/v10	KDHPTTSTLTSSNRNDVTGG	–
CD44p491–510	v9/v10	SSNRNDVTGGRRDPNHSEGS	–
CD44p501–520	v10	RRDPNHSEGSTTLLEGYTS	–
CD44p511–530	v10	TTLLEGYTSHPHTKESRTF	–
CD44p521–540	v10	YPHTKESRTFIPVTSKTS	–
CD44p531–550	v10	IPVTSKTSFGVTAVTVGD	–

CD44p541-560	v10	FGVTAVTVGDSNSNVNRSLS	-
CD44p551-570	v10/16	SNSNVNRSLSGDQDTFHPSG	+

+, OD<sub>655</sub>≥0.4; -, OD<sub>655</sub><0.1

\*The CD44 exon-coding regions are illustrated in Figure 1.