

Supplementary Table 1: V gene usage and CDR sequences of monoclonal anti-gB antibodies

Clone	V-GENE and allele*	CDR1*	CDR2*	CDR3*
heavy chain				
SM10	IGHV4-39*01	GGSIGVGDSY	IYFTGTT	ARHAYDFWVRGVSWIAP
SM12	IGHV4-59*01	GGSMSSYY	IYYSGST	ARDVRSSPPVYYYYGMDV
2C2	IGHV4-59*01	GAPIRSYY	INTNGRS	ATASQHRYDSLTSYRYYPYVMDV
1G2	IGHV4-39*01	GASIDRSTYY	IYYNGRA	ATRWNYFFDFDY
SM1-6	IGHV1-2*02	GYTFTGY Y	INPNSGGT	ARDGAKTVTTSGMSLLYYYDVMDI
SM3-1	IGHV1-2*02	GYTFTDYY	INPHSGGT	ARDGAKTVTTFGASLLYYDIMDV
SM4-5	IGHV1-2*02	GFTLSDHY	INPQSGGT	ARDGAKTVSNSGLGLLYYHSRLDA
SM5-1	IGHV1-2*02	GYSLKDHY	INPQSGGT	ARDGAKTVSNSGLSLLYYHNRLDA
SM6-5	IGHV1-2*02	GYTFTDYY	INPNTGGT	ARDGAKMTTSGLSLLYYYDVMDV
SM11-17	IGHV1-2*02	GYTFTDFY	INPHSGGT	ARDGAKTVTTSGMSLLYYYDVMDI
light chain				
SM10	IGKV2-28*01	QTLLHSNGNNY	YAS	MQALQSPLT
SM12	IGKV2-28*01	QSLLSNGYNY	LGS	MQALQTPRT
2C2	IGKV1-33*01	QDIRKS	DAS	QHYDNFPPT
1G2	IGLV1-47*01	SSNIETNY	RNN	GTWDDNSWV
SM1-6	IGLV1-51*01	SSNIGKNY	DNN	GTWDSLSV V
SM3-1	IGLV1-51*01	SSNIGKNY	DNN	ATWDRSLSV V
SM4-5	IGLV1-51*01	RSNIGKNY	DNN	GTWDSLSAYV
SM5-1	IGLV1-51*01	SSNIGKNY	DNN	GTPDRSLSV I
SM6-5	IGLV1-51*01	SSNIGKNY	DNN	ATWDSLSGVV

* Assignments of V-genes and CDR regions were performed with IMGT/V-QUEST (<http://www.imgt.org>).

The light chain sequence of clone SM11-17 could not be obtained.