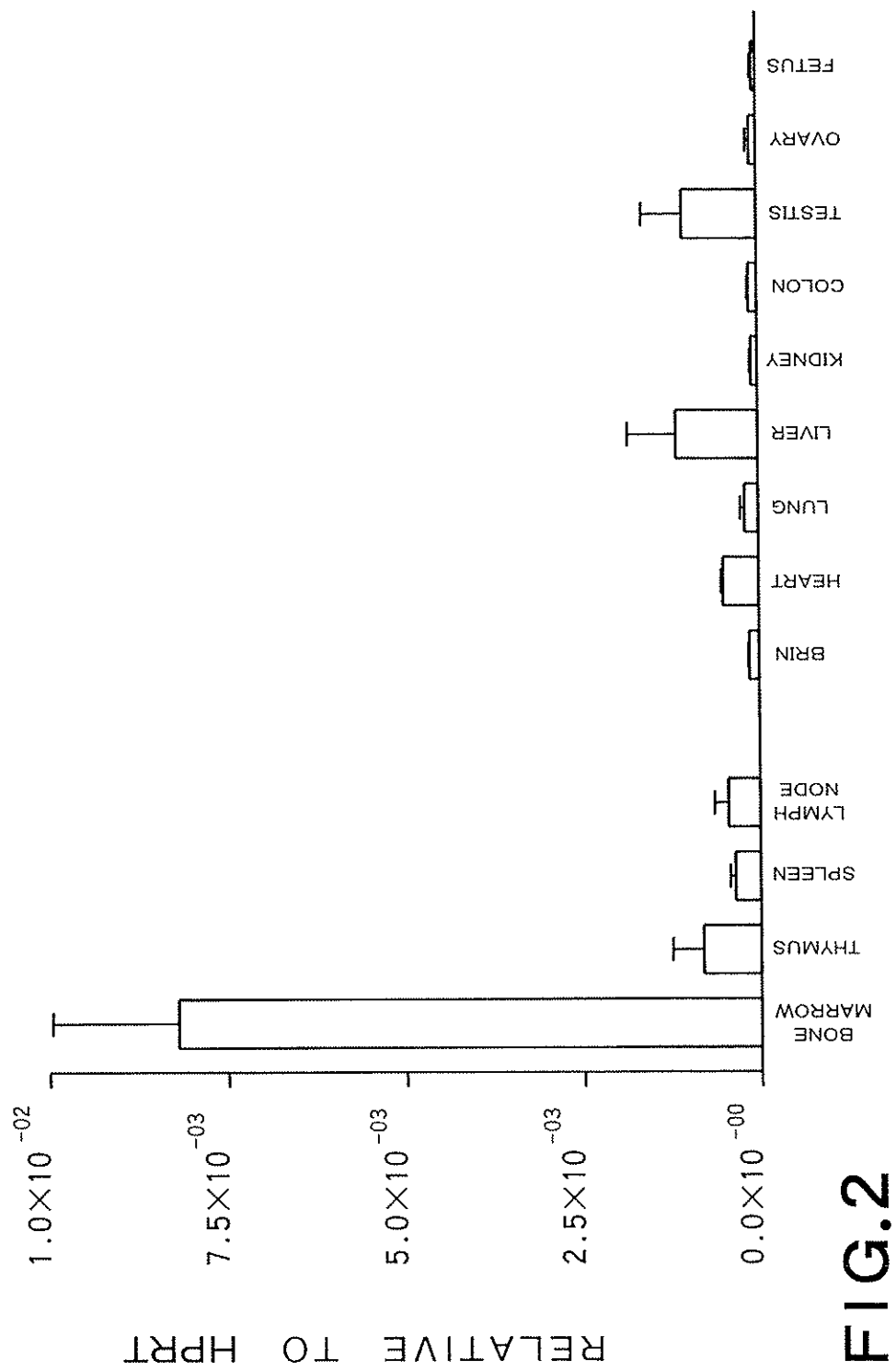


mTARM_m1	MISRLLSLLC	LRLCVGQTDI	PENGSPPKPS	LSAWPSTVLP	TKSHVTMOCK	SPTPSKYFIL
mTARM_m2	MISRLLSLLC	LR-----	----SPKPS	LSAWPSTVLP	TKSHVTMOCK	SPTPSKYFIL
mTARM_m3	MISRLLSLLC	LRLCVGQTDI	PENGSPPKPS	LSAWPSTVLP	TKSHVTMOCK	SPTPSKYFIL
mTARM_m4	MISRLLSLLC	LR-----	----SPKPS	LSAWPSTVLP	TKSHVTMOCK	SPTPSKYFIL
mTARM_s1	MISRLLSLLC	LRLCVGQTDI	PENGSPPKPS	LSAWPSTVLP	TKSHVTMOCK	SPTPSKYFIL
mTARM_m1	KKEGFALNSV	KPYNLTEETA	DEHFTDLRON	DGGHYTCEYY	SKWPHDTPSH	PSNALFLLVT
mTARM_m2	KKEGFALNSV	KPYNLTEETA	DEHFTDLRON	DGGHYTCEYY	SKWPHDTPSH	PSNALFLLVT
mTARM_m3	KKEGFALNSV	KPYNLTEETA	DEHFTDLRON	DGGHYTCEYY	SKWPHDTPSH	PSNALFLLVT
mTARM_m4	KKEGFALNSV	KPYNLTEETA	DEHFTDLRON	DGGHYTCEYY	SKWPHDTPSH	PSNALFLLVT
mTARM_s1	KKEGFALNSV	KPYNLTEETA	DEHFTDLRON	DGGHYTCEYY	SKWPHDTPSH	PSNALFLLVT
mTARM_m1	GYPQPSFQA	HHRGTVTAGS	KVTLQCKAG	SVLGPVKFAL	LKVGHSTPVQ	TRSSTGMVSD
mTARM_m2	GYPQPSFQA	HHRGTVTAGS	KVTLQCKAG	SVLGPVKFAL	LKVGHSTPVQ	TRSSTGMVSD
mTARM_m3	GYPQPSFQA	HHRGTVTAGS	KVTLQCKAG	SVLGPVKFAL	LKVGHSTPVQ	TRSSTGMVSD
mTARM_m4	GYPQPSFQA	HHRGTVTAGS	KVTLQCKAG	SVLGPVKFAL	LKVGHSTPVQ	TRSSTGMVSD
mTARM_s1	GYPQPSFQA	HHRGTVTAGS	KVTLQCKAG	SVLGPVKFAL	LKVGHSTPVQ	TRSSTGMVSD
mTARM_m1	FSLQNVTTARD	SGEYSCVYYQ	AKAPYRASGP	SNLLEISVID	NHLPQDLAAS	TFFPQLTATS
mTARM_m2	FSLQNVTTARD	SGEYSCVYYQ	AKAPYRASGP	SNLLEISVID	NHLPQDLAAS	TFFPQLTATS
mTARM_m3	FSLQNVTTARD	SGEYSCVYYQ	AKAPYRASGP	SNLLEISVID	NHLPQDLAAS	TFFPQLTATS
mTARM_m4	FSLQNVTTARD	SGEYSCVYYQ	AKAPYRASGP	SNLLEISVID	NHLPQDLAAS	TFFPQLTATS
mTARM_s1	FSLQNVTTARD	SGEYSCVYYQ	AKAPYRASGP	SNLLEISVID	ARQPSASRSC	CLDFPTATDS
mTARM_m1	PKTPGTMTEG	YTVDNLIRVG	VAAAILLIVG	GFLVEAWHSE	RLSPNKPW*	
mTARM_m2	PKTPGTMTEG	YTVDNLIRVG	VAAAILLIVG	GFLVEAWHSE	RLSPNKPW*	
mTARM_m3	PKTPGTMTEG	YTVDNLIRVG	VAAAILLIVG	GFLVEAWHSE	RLSPNKPW*	GEK*
mTARM_m4	PKTPGTMTEG	YTVDNLIRVG	VAAAILLIVG	GFLVEAWHSE	RLSPNKPW*	GEK*
mTARM_s1	NLTQDPGYND	RRLHCG*				

FIG.1



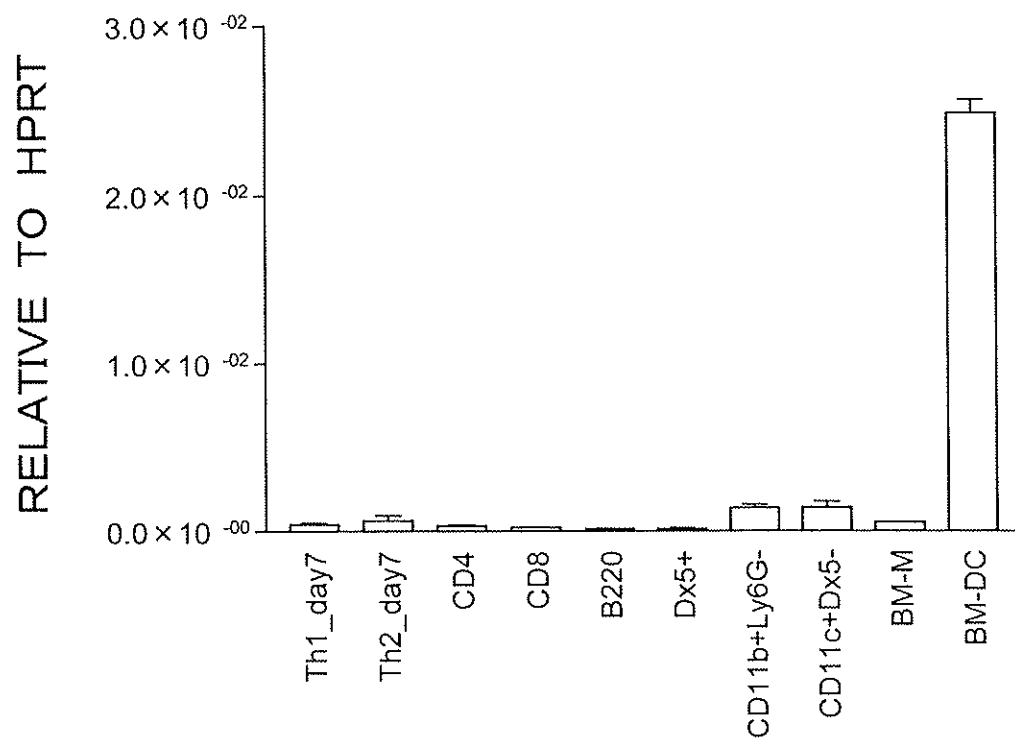


FIG.3 A

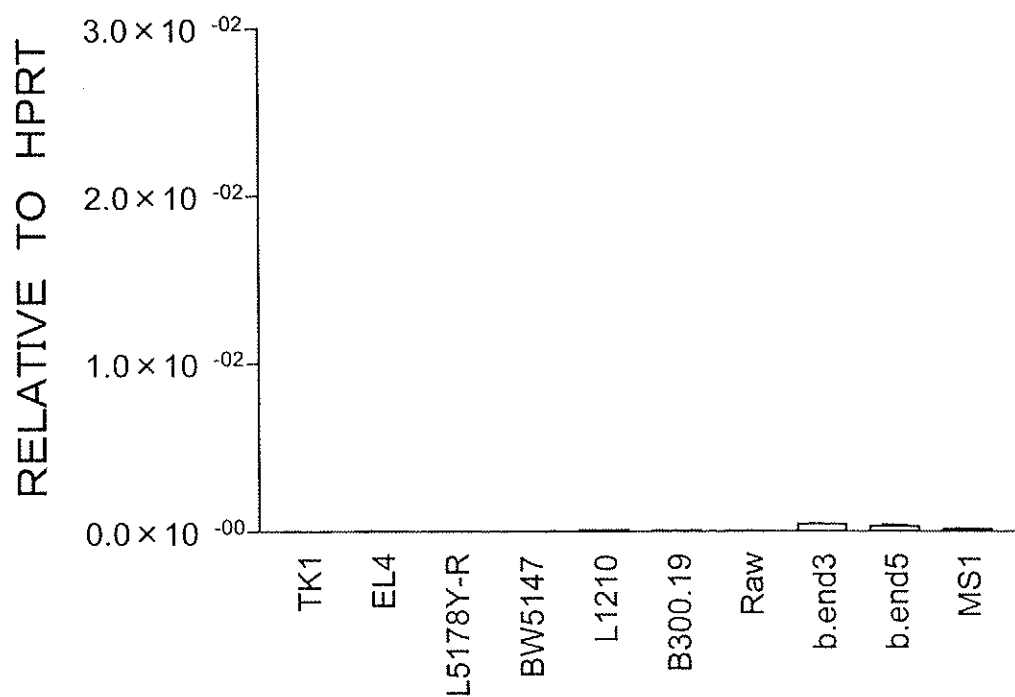


FIG.3 B

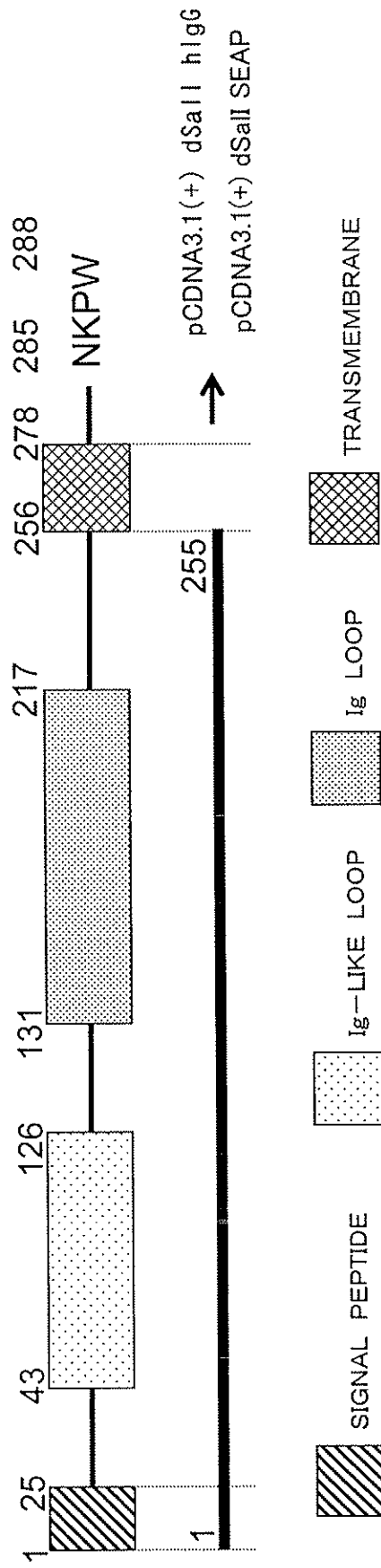


FIG.4A

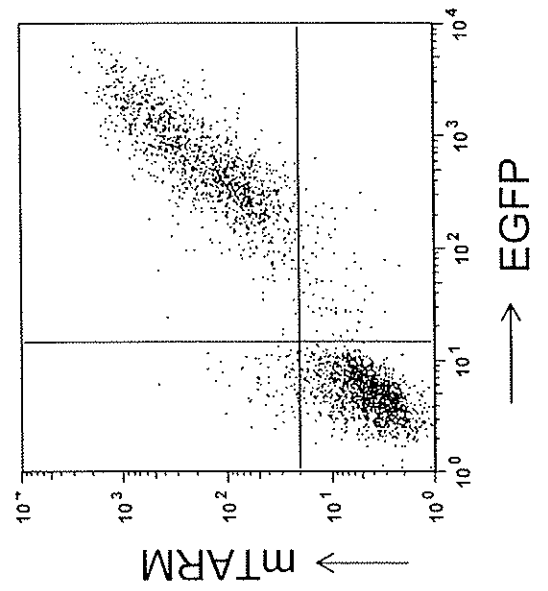


FIG.4B

GM-CSF CD11c⁺ (DAY 9)

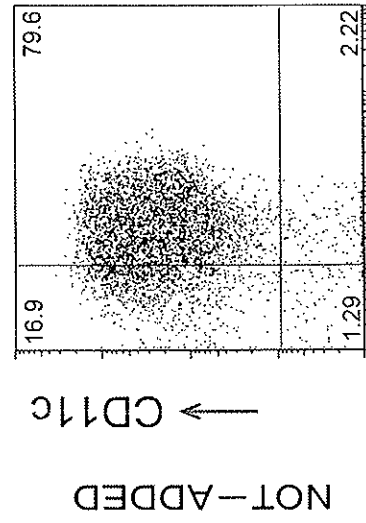
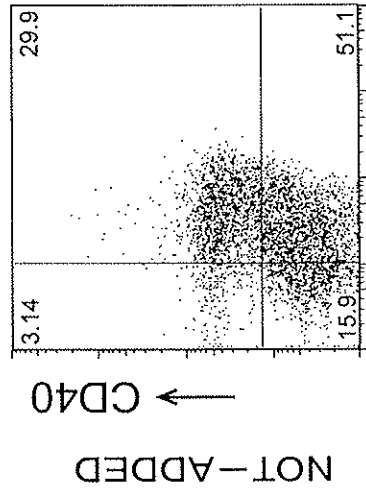


FIG. 5A

FIG. 5C

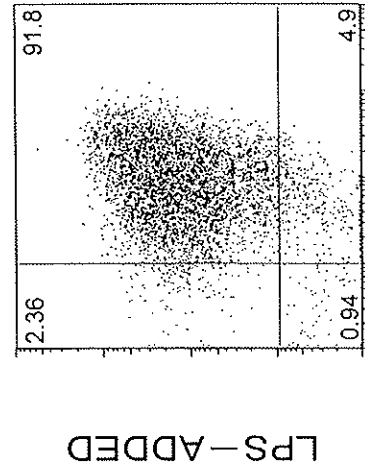
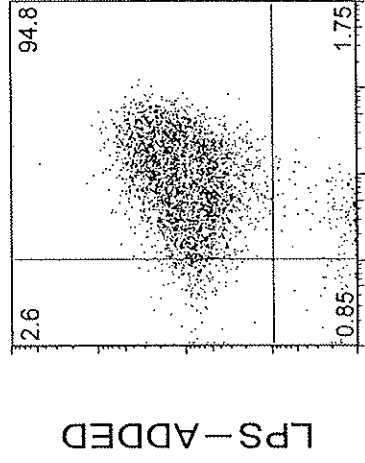


FIG. 5B

FIG. 5D

→ mTARM

<SP>

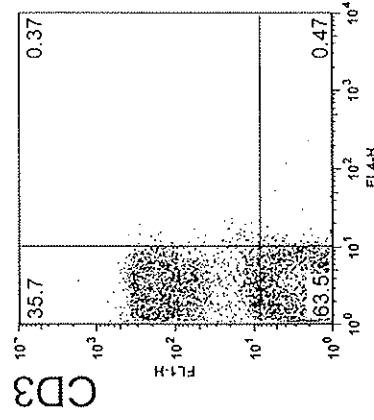


FIG. 6A

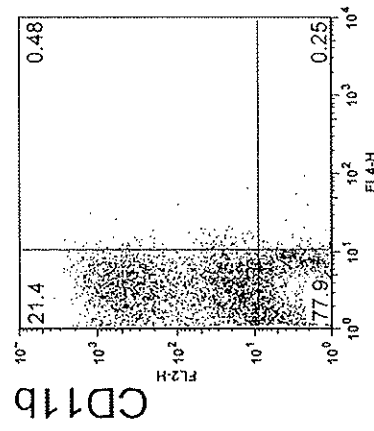


FIG. 6C

<PBL>

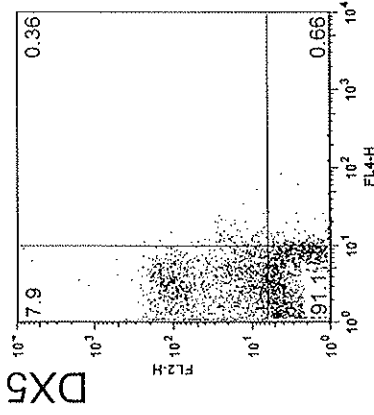


FIG. 6B

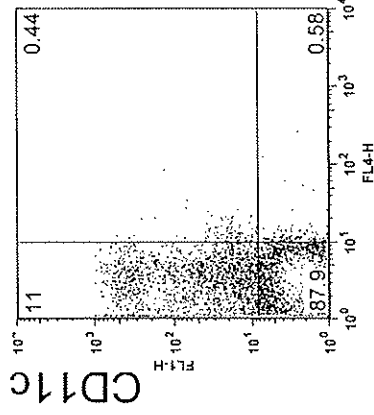


FIG. 6D

→ mTARM

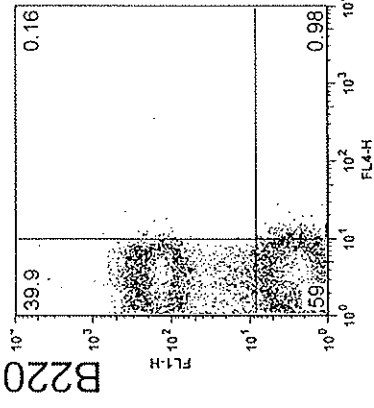


FIG. 6E

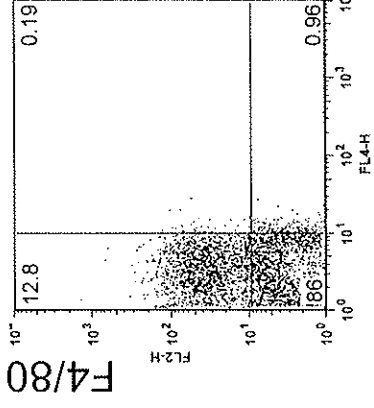


FIG. 6G

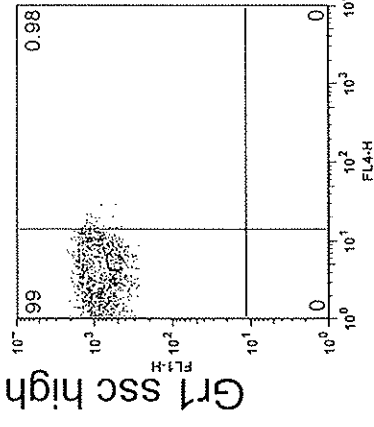


FIG. 6F

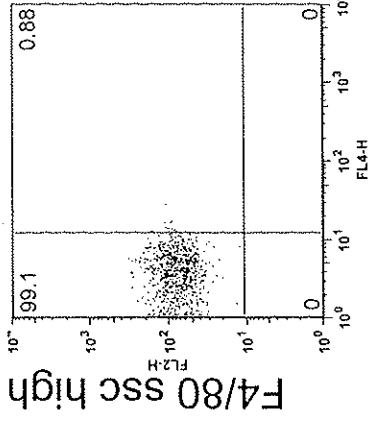


FIG. 6H

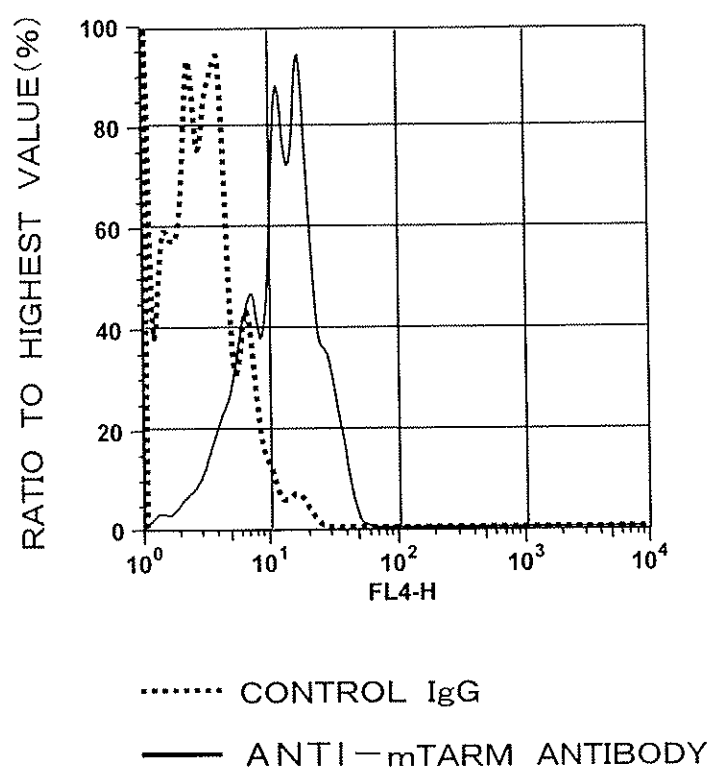


FIG.7

<PBS>

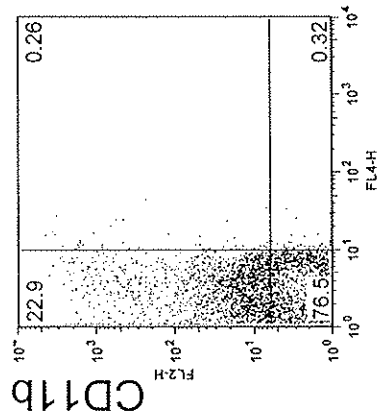


FIG. 8A

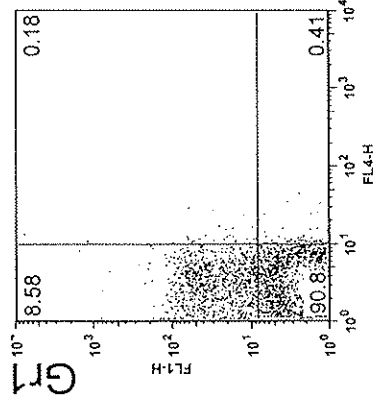


FIG. 8C

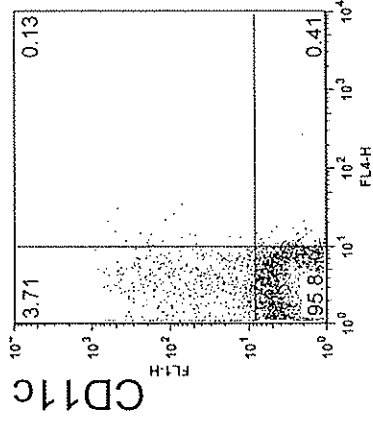


FIG. 8E

<LPS>

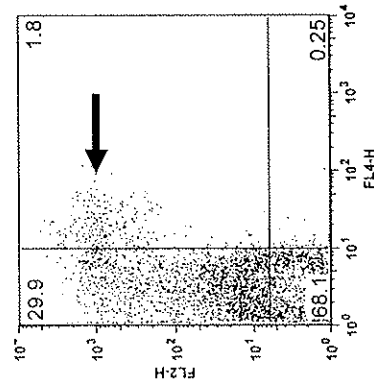


FIG. 8B

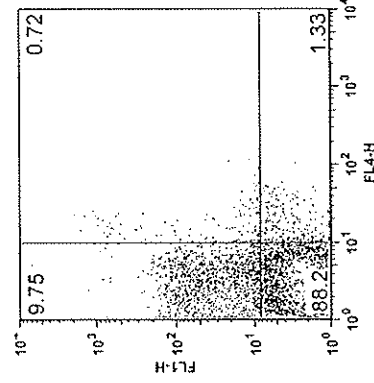


FIG. 8D

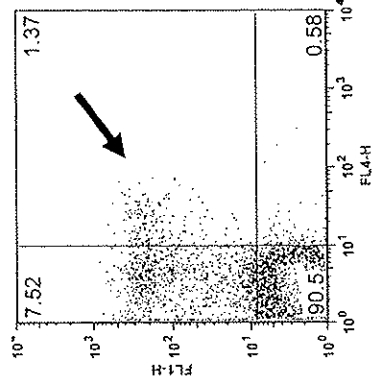


FIG. 8F

→ mTARM

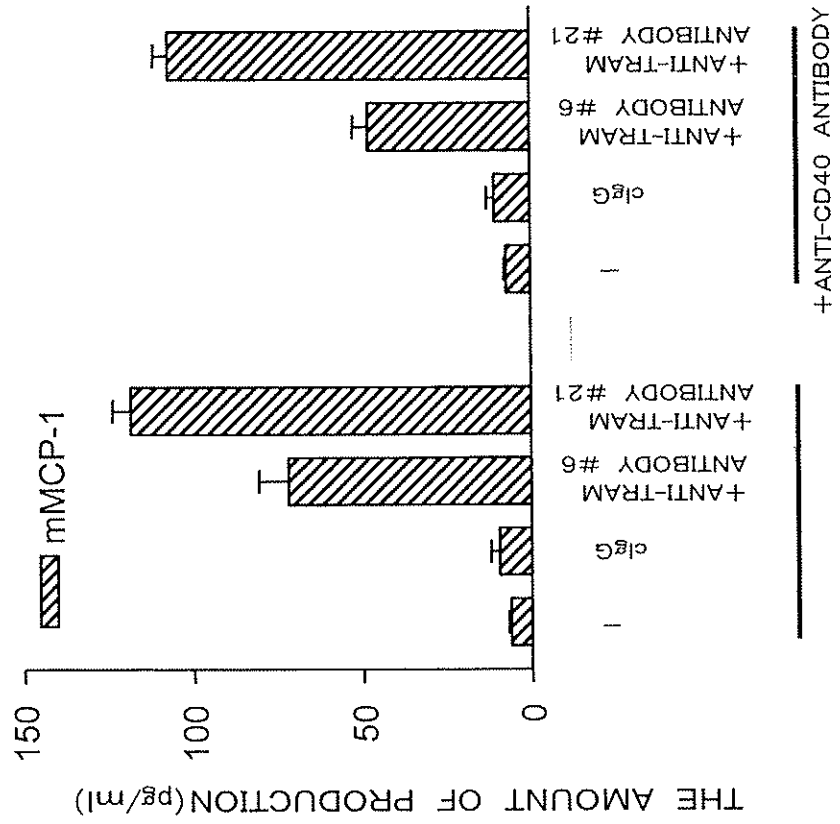


FIG.9B

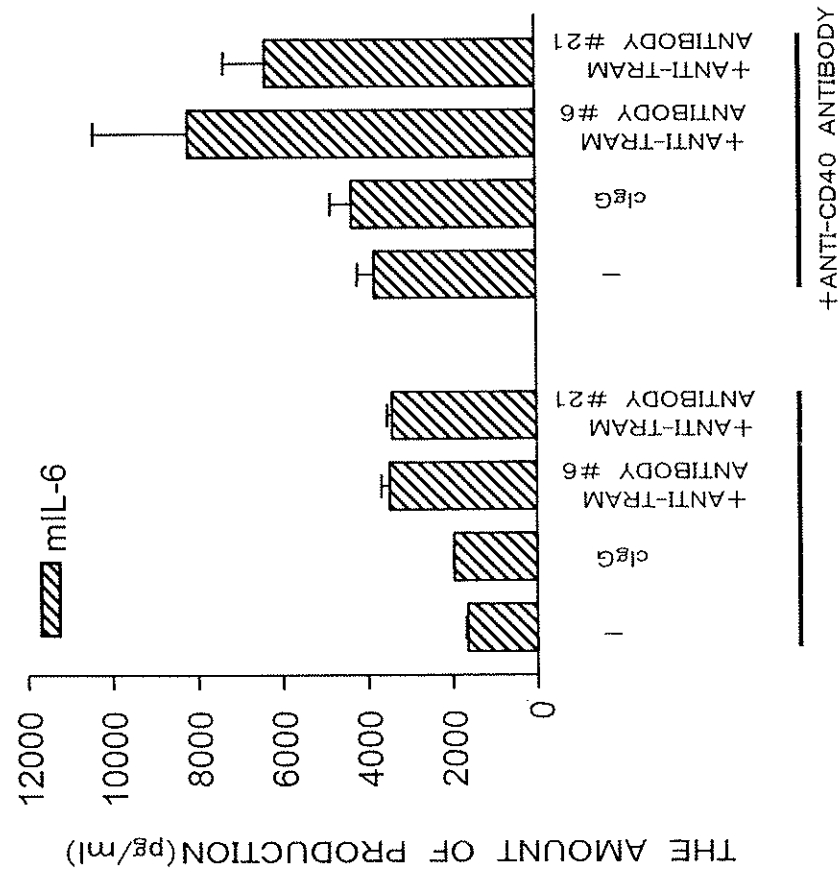
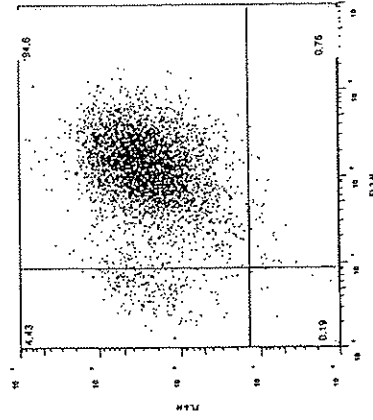
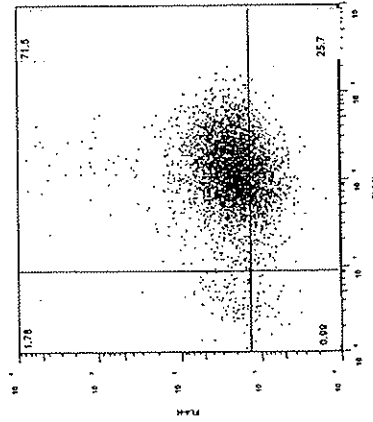


FIG.9A

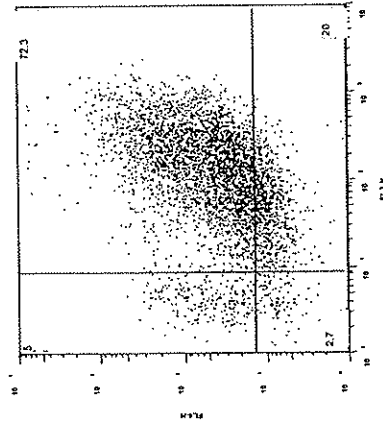
mTRAM-EXPRESSING
B300.19 CELLS
+Flag-DAP12



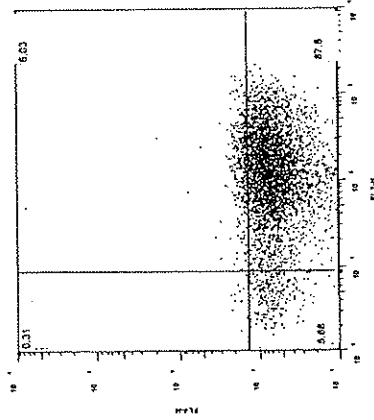
mTRAM-EXPRESSING
B300.19 CELLS
+Flag-DAP10



mTRAM-EXPRESSING
B300.19 CELLS
+Flag-FcRγ



mTRAM-EXPRESSING
B300.19 CELLS



FLAG

→ mTRAM

FIG.10A FIG.10B FIG.10C FIG.10D

mTARM-EXPRESSING
B300.19 CELLS

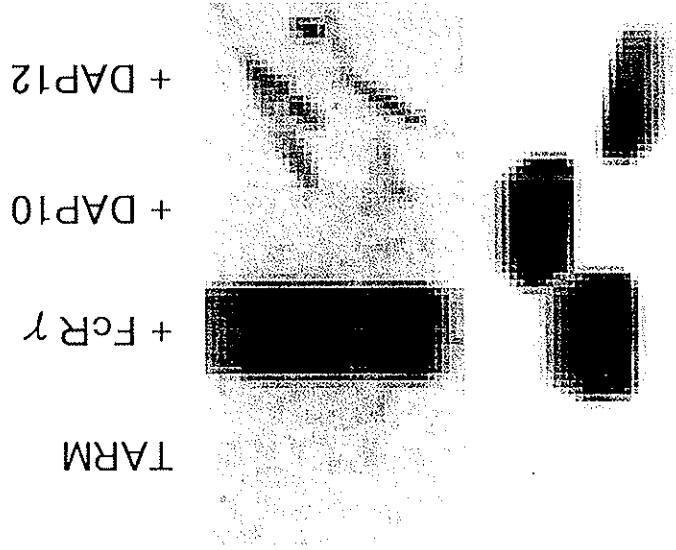


FIG.11A

BONE MARROW-DERIVED
MATURE DENDRITIC CELLS

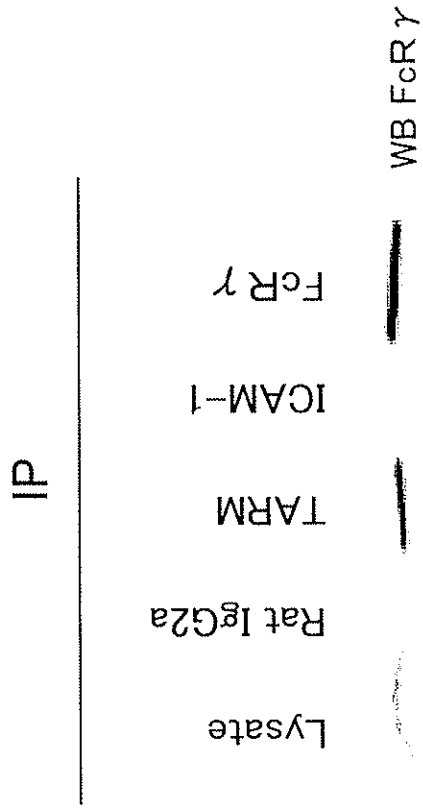


FIG.11B

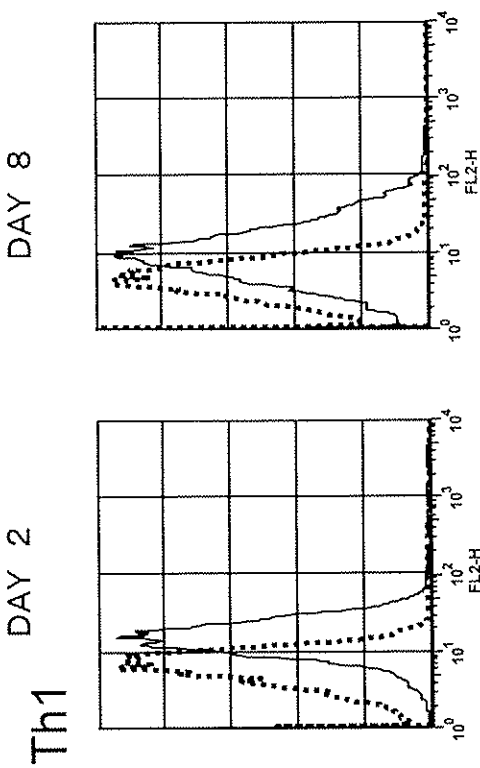


FIG.12B

Th2

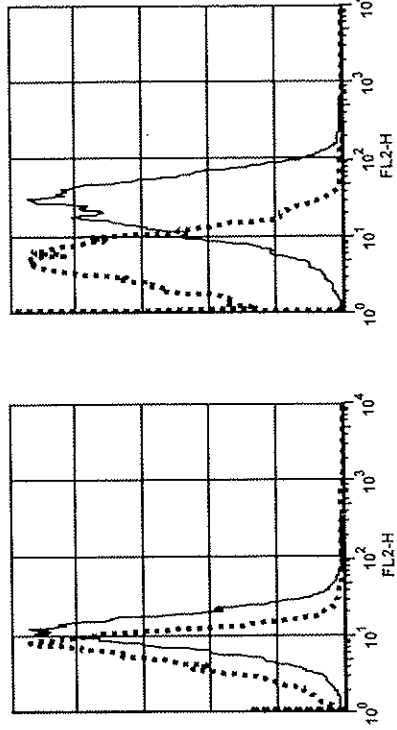


FIG.12D

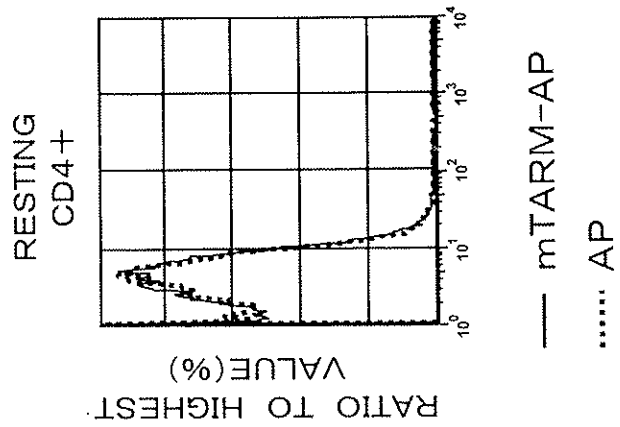


FIG.12A

FIG.12C

FIG.12E

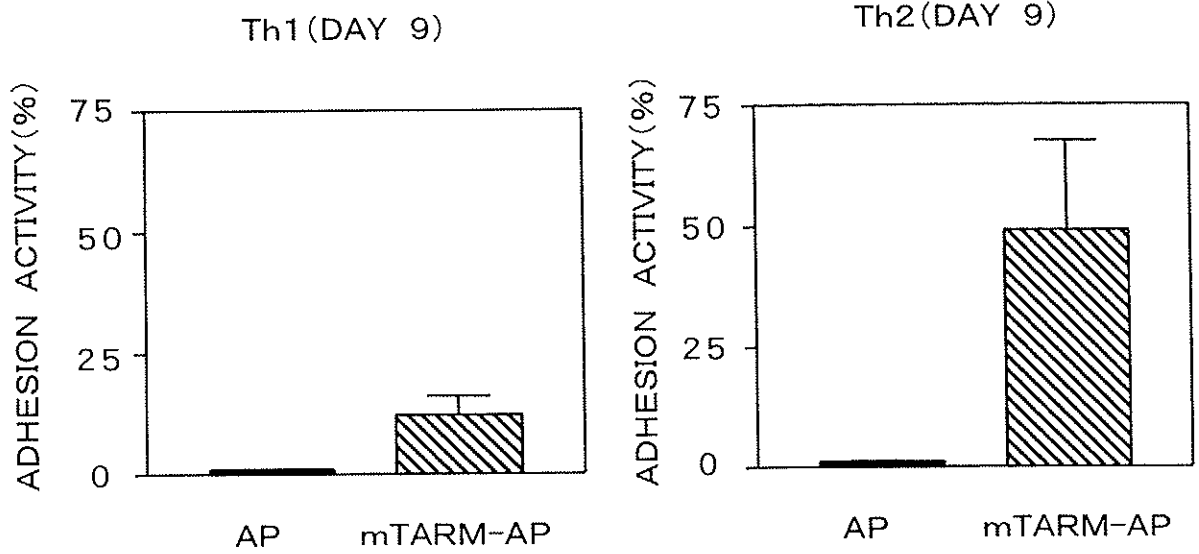


FIG.13A

FIG.13B

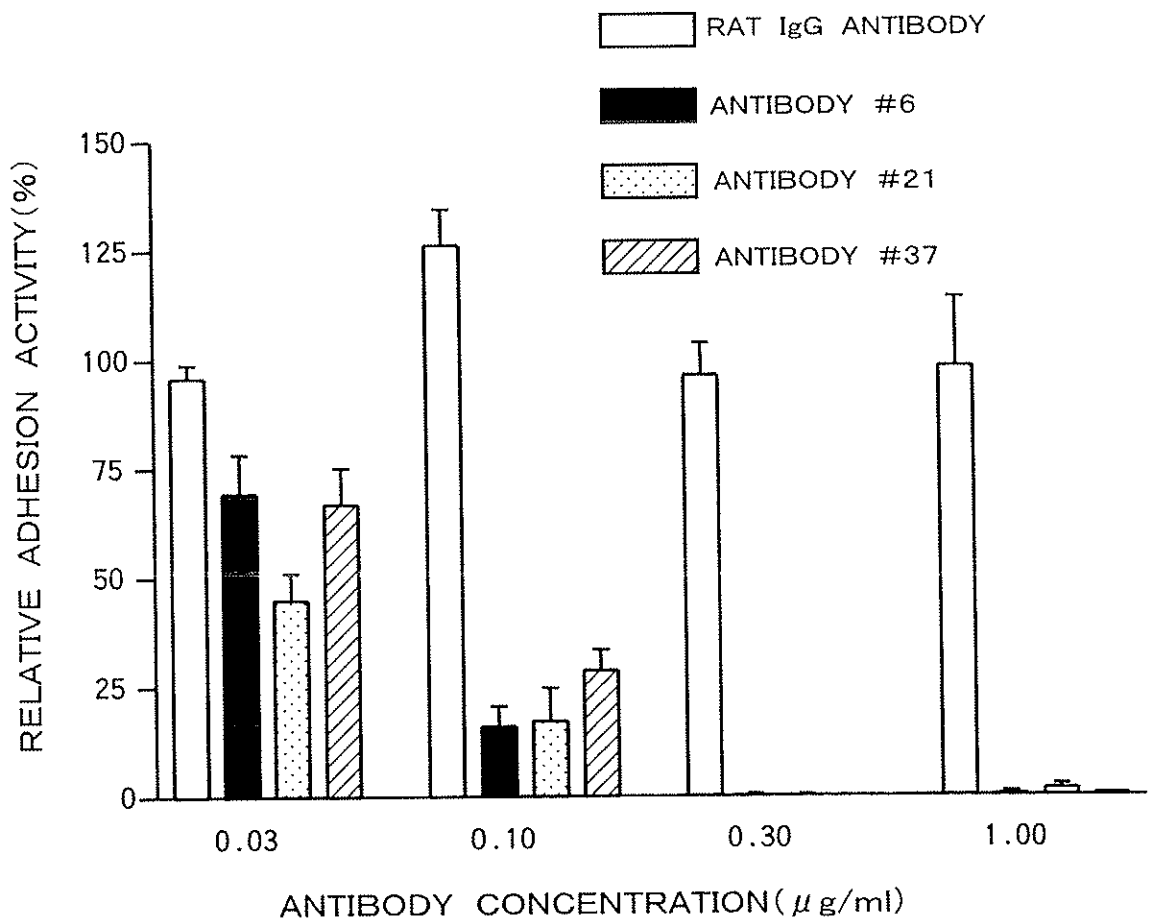


FIG.14

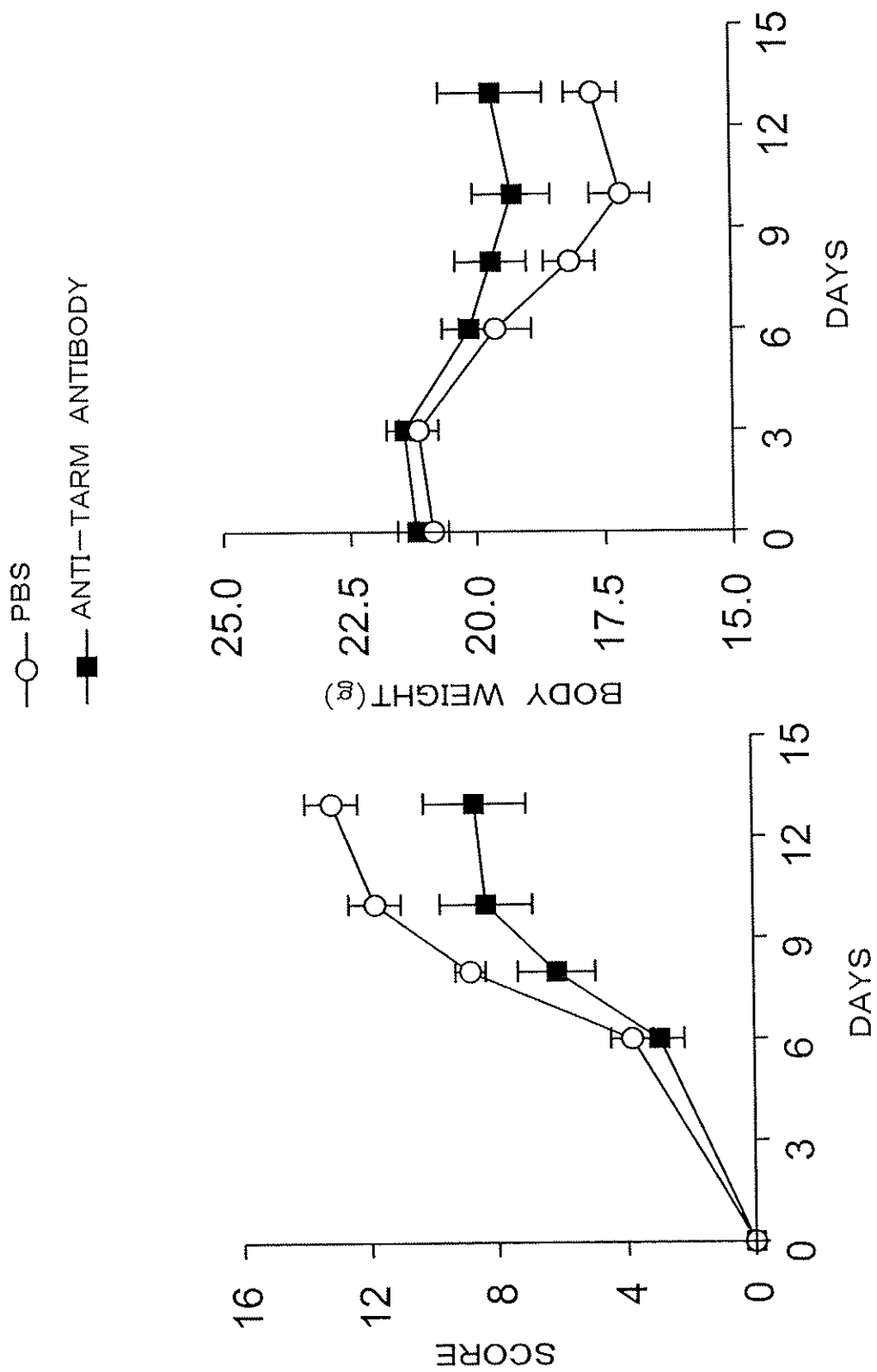


FIG.15B

FIG.15A

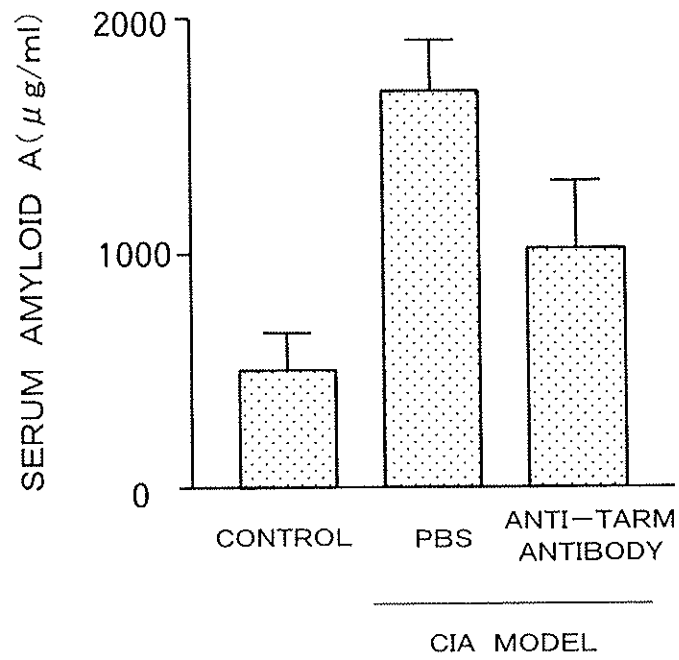


FIG.16

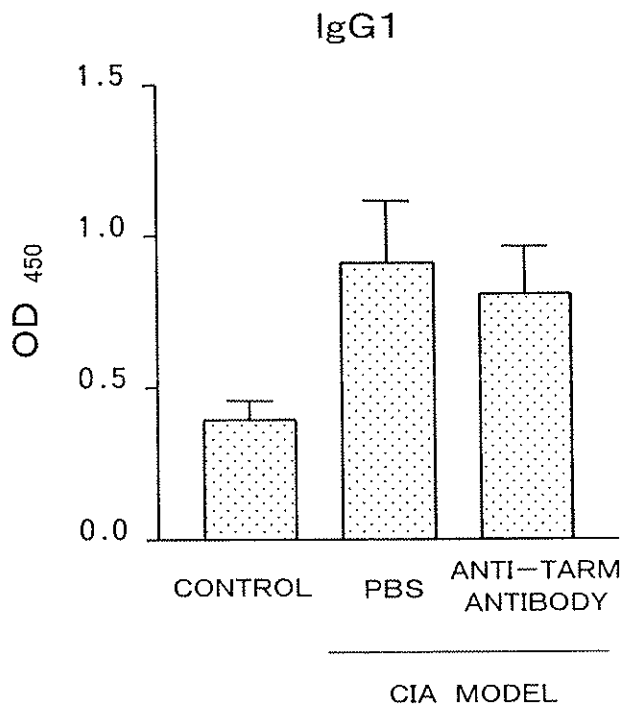


FIG.17A

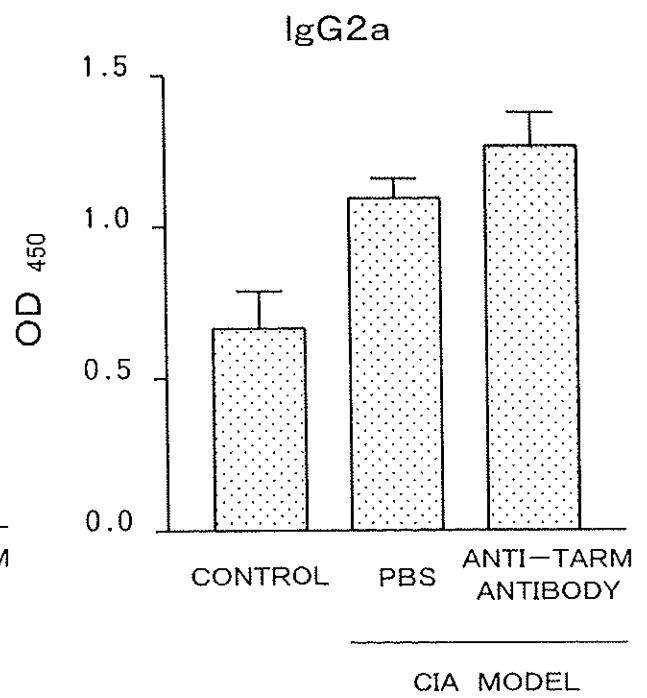


FIG.17B

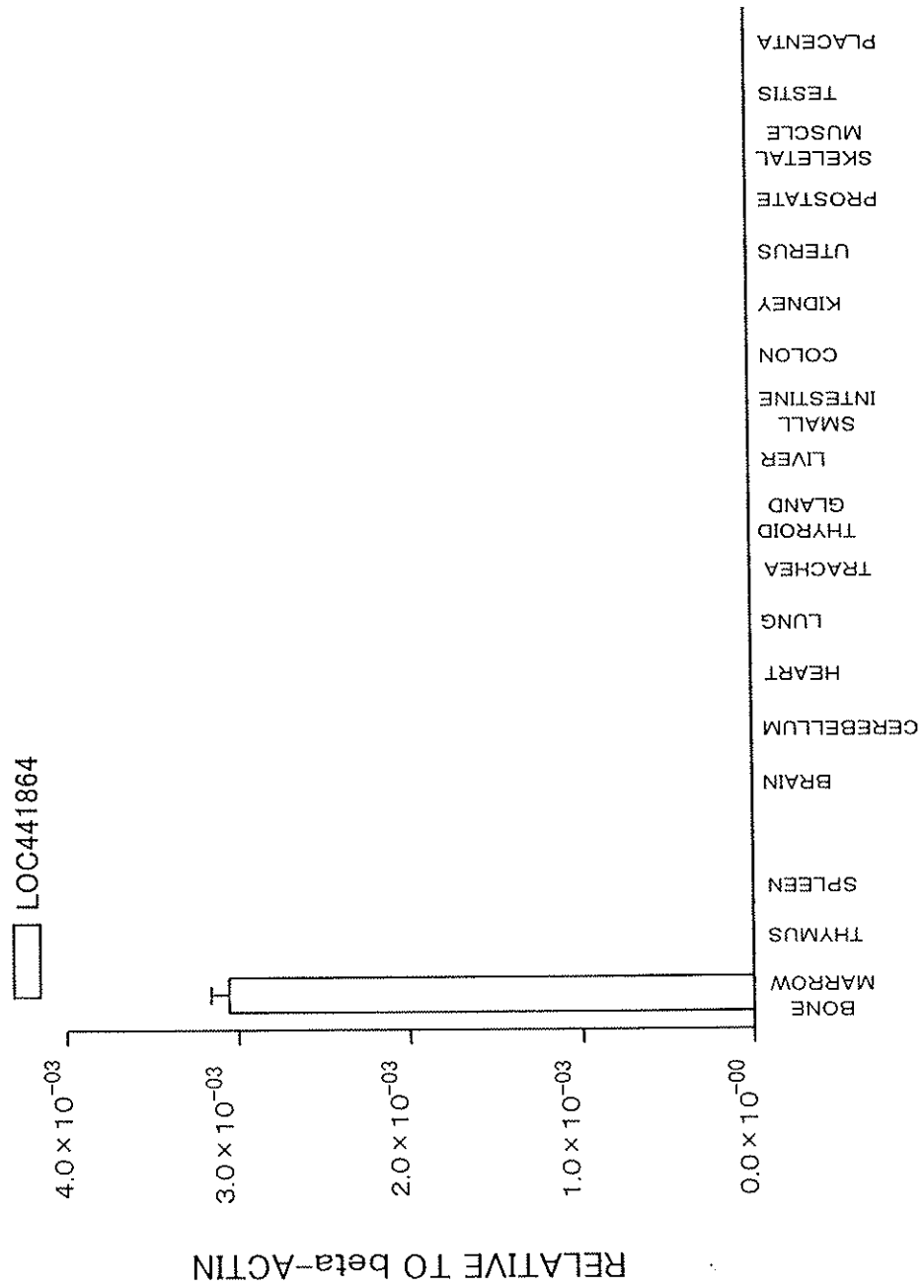


FIG.18

hTARM		MIP KLLSLLCFRL CVGQGDTRGD	GSLPKPSLSA	WPSSVVPANS	NVTLRCWTPA
LOC441864		MVKENRWERM EELEVEQKPKQ SSVGRMRTPE	RSLPKPSLSA	WPSSVVPANS	NVTLRCWTPA
hTARM		RGVSFVLKRG GIILESPKPL DSTEAAEFH	LNNLKVRNAG	EYTCEYYRKA	SPHILSQRSD
LOC441864		RGVSFVLKRG GIILESPKPL DSTEAAEFH	LNNLKVRNAG	EYTCEYYRKA	SPHILSQRSD
hTARM		VLLLLVTGHL SKPFLRTYQR GTVTAGGRVT	LQCQKRDQLF	VPIMFALLKA	GTPSPIQLQS
LOC441864		VLLLLVTGHL SKPFLRTYQR GTVTAGGRVT	LQCQKRDQLF	VPIMFALLKA	GTPSPIQLQS
hTARM		PAGKEIDFSL VDVTAGDAGN YSCMYYYQTKS	PFWASEPSDQ	LEILVTVPPG	TTSSNYSLGN
LOC441864		PAGKEIDFSL VDVTAGDAGN YSCMYYYQTKS	PFWASEPSDQ	LEILVTVPPG	TTSSNYSLGN
hTARM		FVRLGLAAVI VVIMGAFLVE	AWYSRNVSPG	ESEAFKPE*	
LOC441864		FVRLGLAAVI VVIMGAFLVE	AWYSRNVSPD	HTAAKGSMR*	

FIG.19

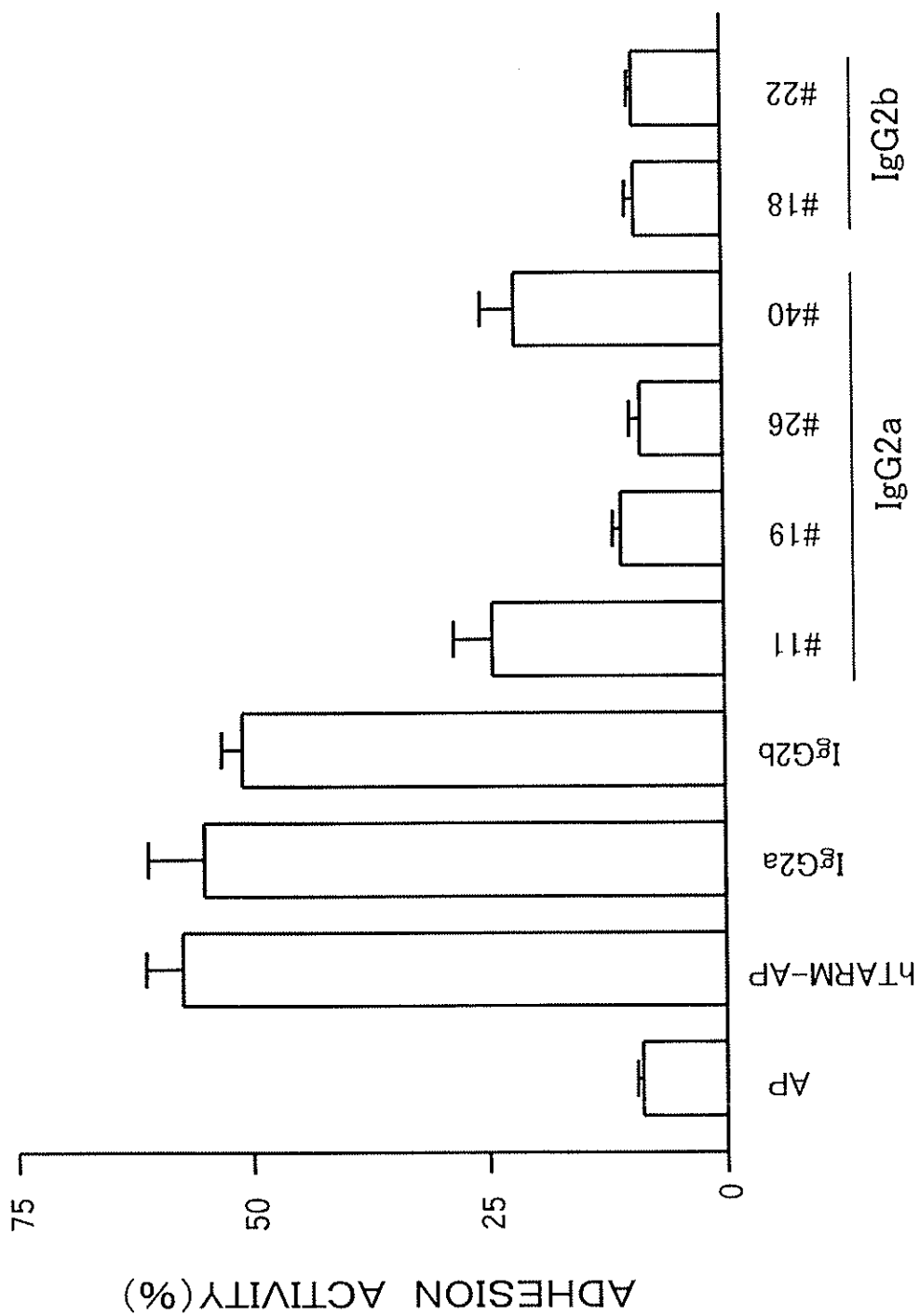


FIG.20

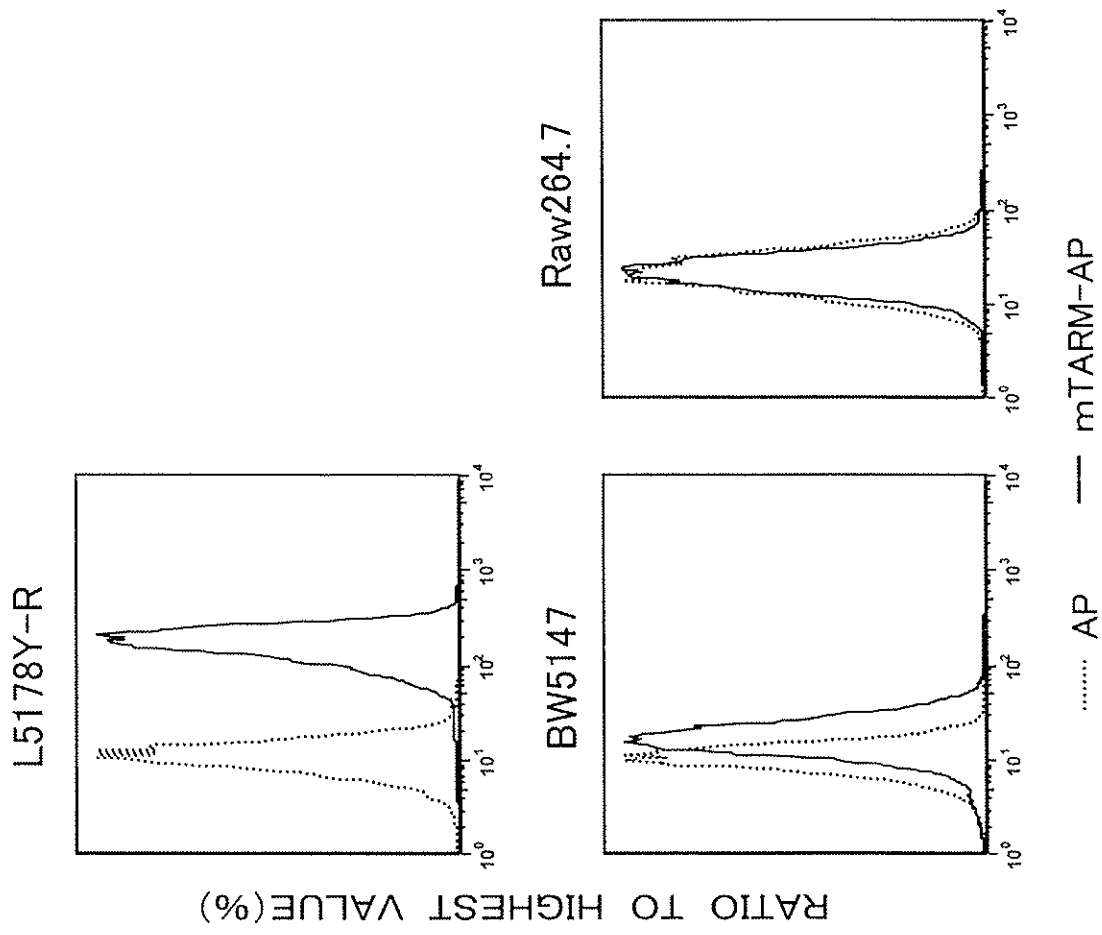


FIG.21A

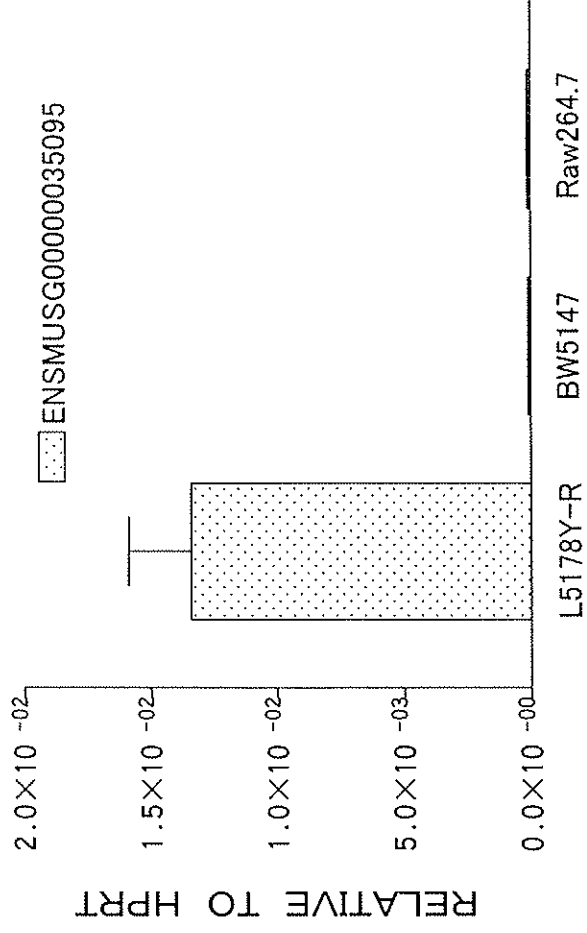


FIG.21B

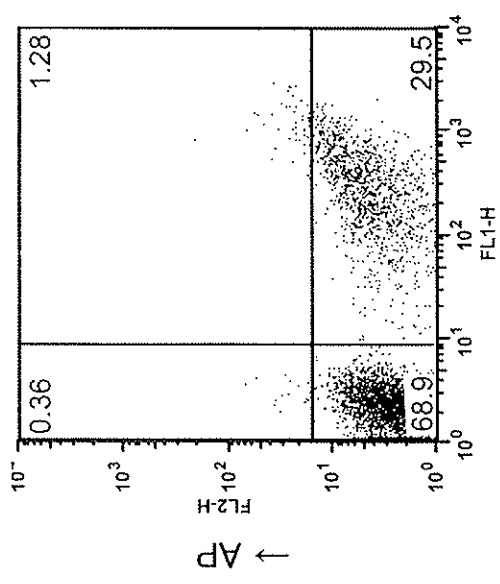
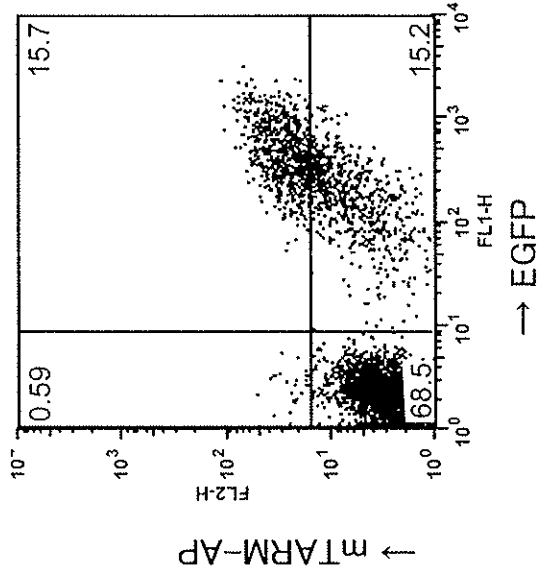


FIG.22A

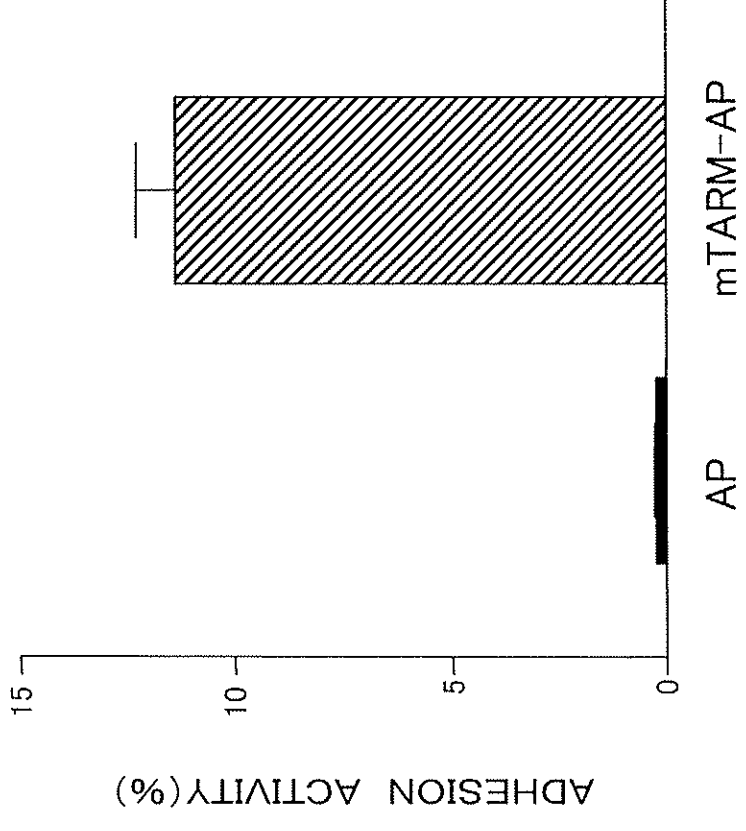


FIG.22B

hTARML	NQ-ORGAAGSRGGALFFLLGVILFFQGVYIMFSLERADAHVRCWEEKIKLNGTEKSTSD
nTARML	NQLARGTVGGRGALFFLLSILVVGARIWLSLEISADAHVRCWGENIKLNGTEKSSSD
hTARML	VTDKLTI DWTYRPPSS HTVSEI PHQSTFOYPTITAGTEPRDRI SAVGNWYKGDASI SI SNPT
nTARML	VTDKLTI DWTYRPPSS RTESIEPHQSTFOYPTITAGTEPRDRI SAVGNWYKGDASI SI SNPT
hTARML	IKDNGTFSCAVKNRPDXXHHNIEMTEERGGEGTFLSSVALLSILLEVVPSSAVMMALLLV
nTARML	LKDNGTFSCAVKNRPDXYHNIPLTELTATERGGEGTFLSSVALLSILLEVVPSSAVMMALLLV
hTARML	RWGRKAAAGLKKRSRSGLCKSSSEVSDDITDQBEES EACWALRGVRCAGCLDS DMEETY-
nTARML	RWGRKATGVQKRSRSGLCKSSSEVSDDITDQBEES NDCYTRIGVRCAGCLDS DME EAY

FIG.23

```

hTARN      MI PKLLSLLCFRLCVGQGDTRGDGSLPKPSLSAMPSSVVPANSNVTLCWTPARGVSFYL
nTARN_n3   MI SRLLSLLCLRLCVGQTDI PENGSPPKPSLSAMPSTVLPTKSHVTMQCKSPTPSKYFIL

hTARN      RKGGII LESPKPLDSTEGAAEFHLNNLKVYRNAGEYTC EYYRKASPHI LSQRSDVLLLLVT
nTARN_n3   KKEGFALNSVKPYNLTEETADFHFTDLRONDGGHYTC EYYSKAPHDTPSHPSNALFLLVT

hTARN      GHLSKPFLRTYORGTVTAGGRVTLQCQKRDQLFYPI YFALLKAGTPSPI QLQSPAGKEID
nTARN_n3   GYLPQPSFOAHHRGTVTAGSKVTLQCQKAGSVLGPVKFALLKVGHSTPVQTRSRSTGMVSD

hTARN      FSLVDVTAGDAGNYSCMYYQTKSPFVASEPSDOLEILVT.....
nTARN_n3   FSLQNVTARDSGEYSCVYYQAKAPYRASGPSNLLEISVI DNHL PQDLAASTFP PQLTATS

hTARN      - VPPGTISSNYSLGNFVRLGLAAVI YVI NGAFLVEAWYSRNVSPGESEAFKPE
nTARN_n3   PKTPGTMTGYTVDNLI RYGVAAAIL LI VGGFLVEAWHSERLSPNKPCAPGEK

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FIG.24