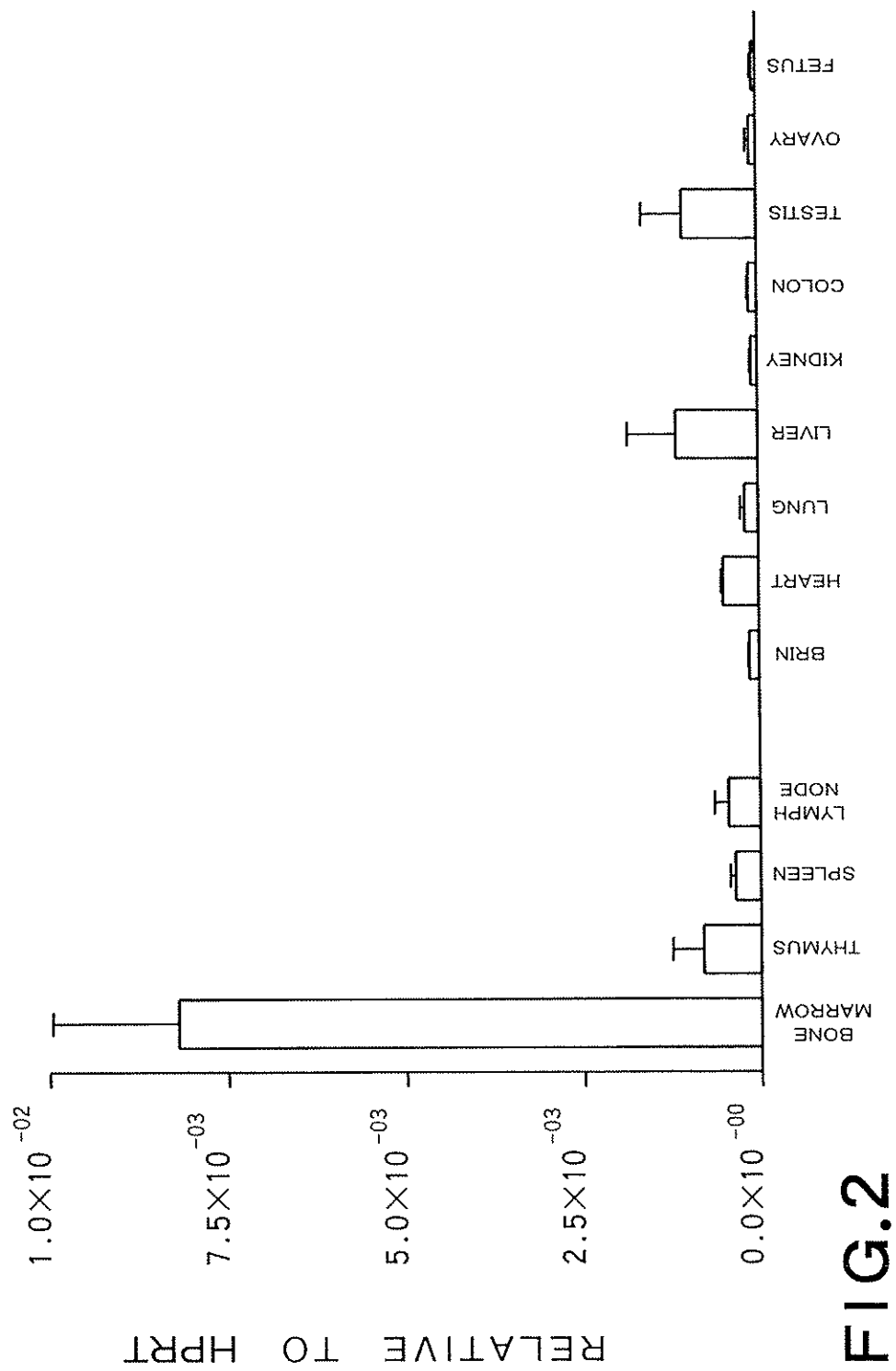


mTARM_m1	MISRLLSLLC	LRLCVGQTDI	PENGSPPKPS	LSAWPSTVLP	TKSHVTMOCK	SPTPSKYFIL
mTARM_m2	MISRLLSLLC	LR-----	----SPPKPS	LSAWPSTVLP	TKSHVTMOCK	SPTPSKYFIL
mTARM_m3	MISRLLSLLC	LRLCVGQTDI	PENGSPPKPS	LSAWPSTVLP	TKSHVTMOCK	SPTPSKYFIL
mTARM_m4	MISRLLSLLC	LR-----	----SPPKPS	LSAWPSTVLP	TKSHVTMOCK	SPTPSKYFIL
mTARM_s1	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	KVTLQCKKAG	SVLGPVKFAL	LKVGHSTPVQ	TRSSTGMVSD
mTARM_m2	GYPQPSFQA	HHRGTVTAGS	KVTLQCKKAG	SVLGPVKFAL	LKVGHSTPVQ	TRSSTGMVSD
mTARM_m3	GYPQPSFQA	HHRGTVTAGS	KVTLQCKKAG	SVLGPVKFAL	LKVGHSTPVQ	TRSSTGMVSD
mTARM_m4	GYPQPSFQA	HHRGTVTAGS	KVTLQCKKAG	SVLGPVKFAL	LKVGHSTPVQ	TRSSTGMVSD
mTARM_s1	GYPQPSFQA	HHRGTVTAGS	KVTLQCKKAG	SVLGPVKFAL	LKVGHSTPVQ	TRSSTGMVSD
mTARM_m1	FSLQNVLTARD	SGEYSCVYYQ	AKAPYRASGP	SNLLEISVID	NHLPQDLAAS	TFFPQLTATS
mTARM_m2	FSLQNVLTARD	SGEYSCVYYQ	AKAPYRASGP	SNLLEISVID	NHLPQDLAAS	TFFPQLTATS
mTARM_m3	FSLQNVLTARD	SGEYSCVYYQ	AKAPYRASGP	SNLLEISVID	NHLPQDLAAS	TFFPQLTATS
mTARM_m4	FSLQNVLTARD	SGEYSCVYYQ	AKAPYRASGP	SNLLEISVID	NHLPQDLAAS	TFFPQLTATS
mTARM_s1	FSLQNVLTARD	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



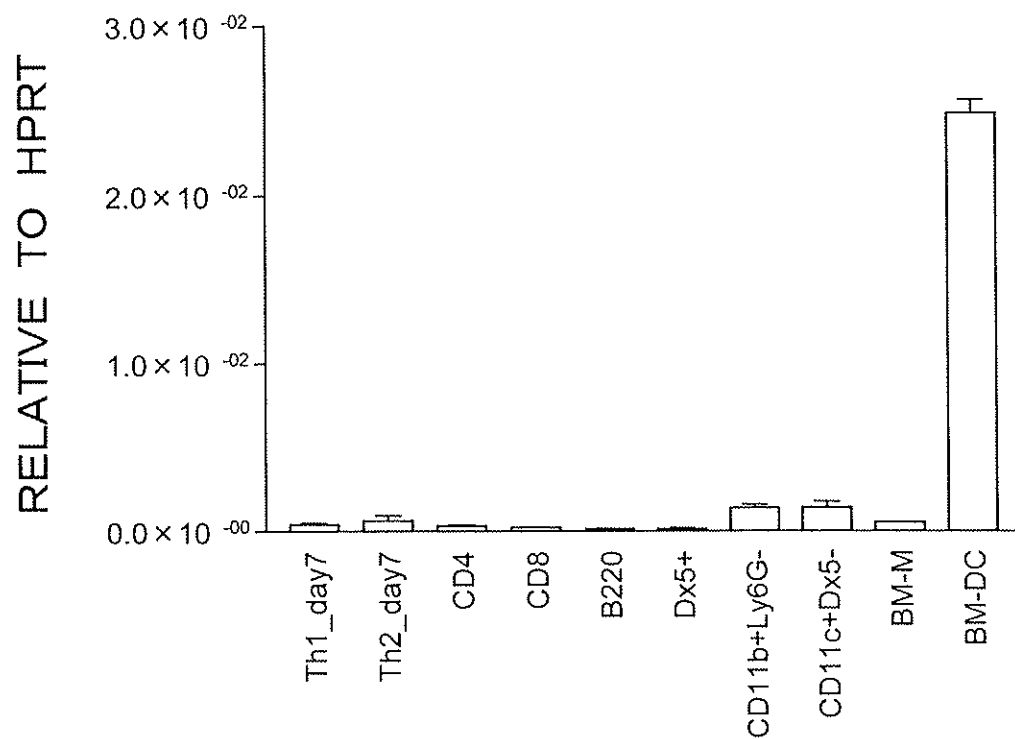


FIG.3 A

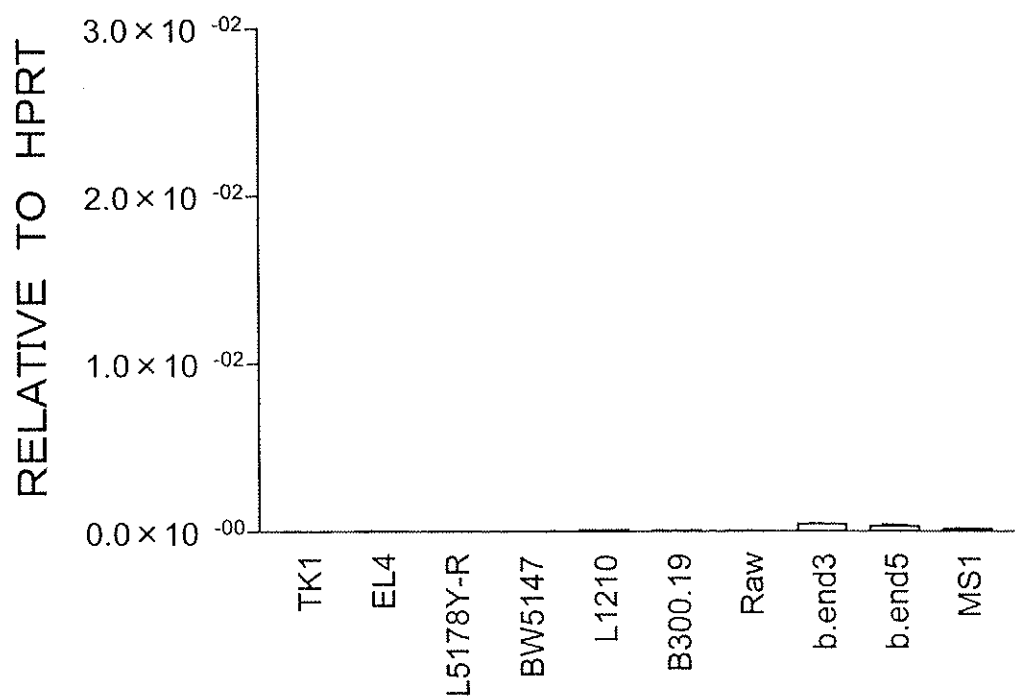


FIG.3 B

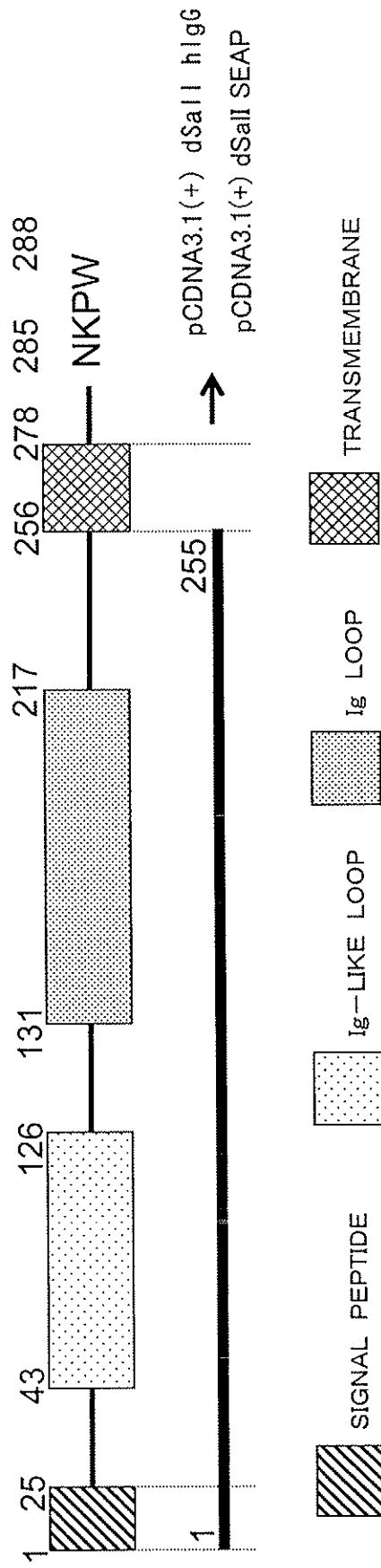


FIG.4A

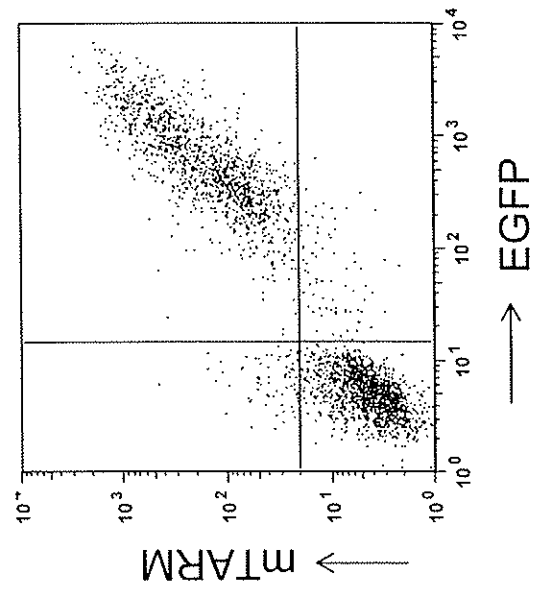


FIG.4B

GM-CSF CD11c⁺ (DAY 9)

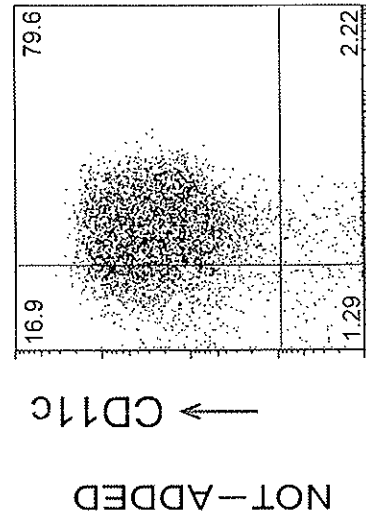
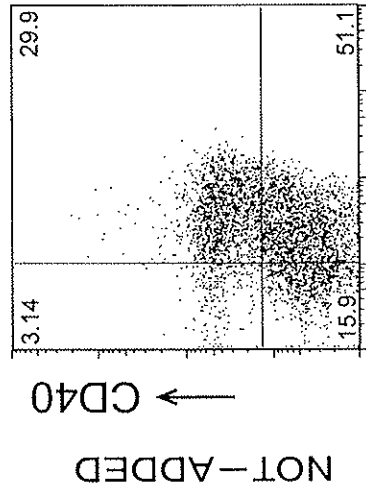


FIG.5A

FIG.5C

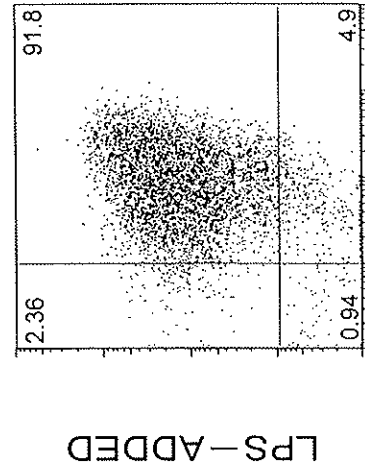
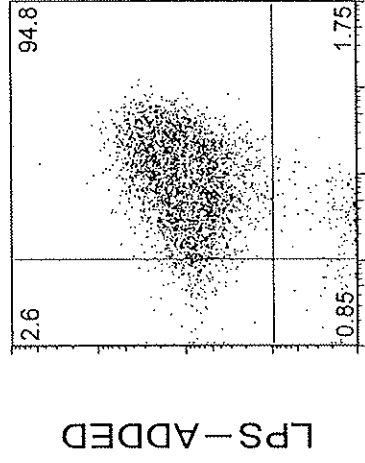


FIG.5B

FIG.5D

→ mTARM

<SP>

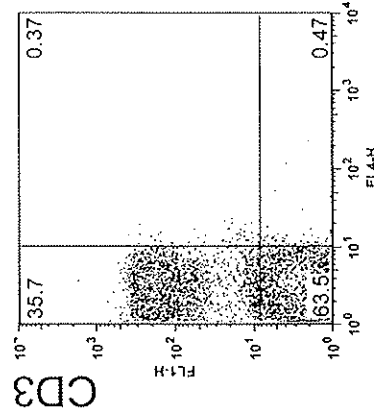


FIG. 6A

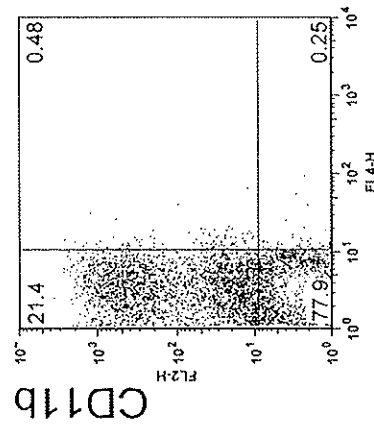


FIG. 6C

<PBL>

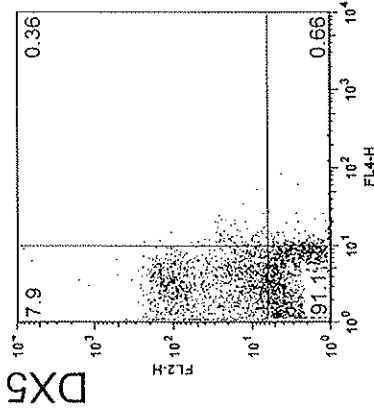


FIG. 6B

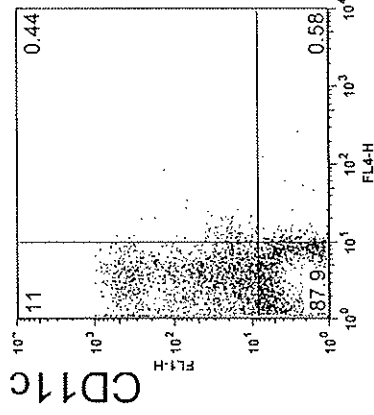


FIG. 6D

→ mTARM

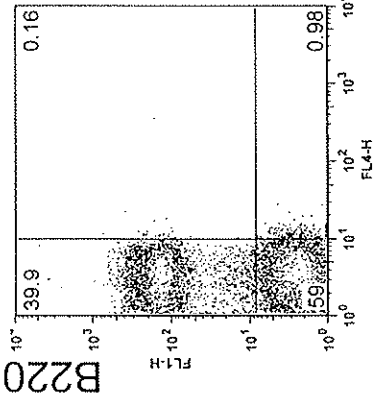


FIG. 6E

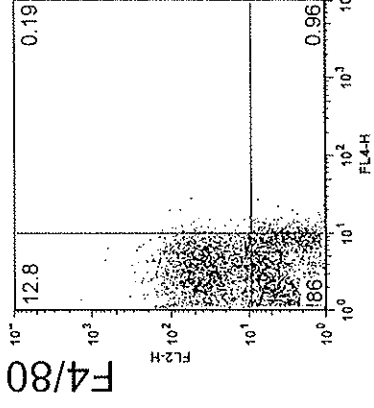


FIG. 6G

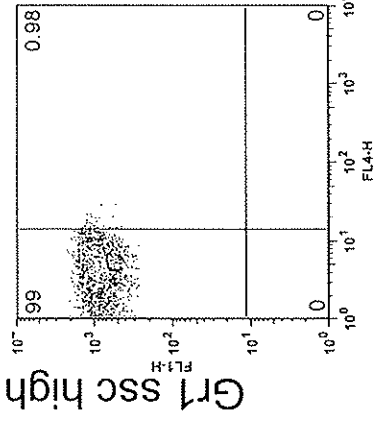


FIG. 6F

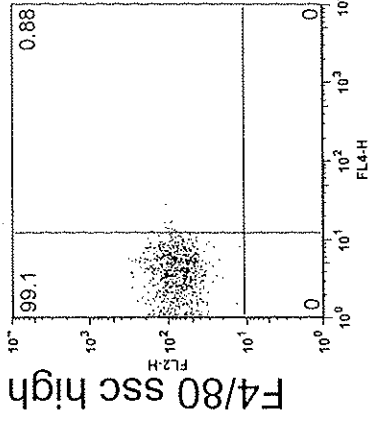


FIG. 6H

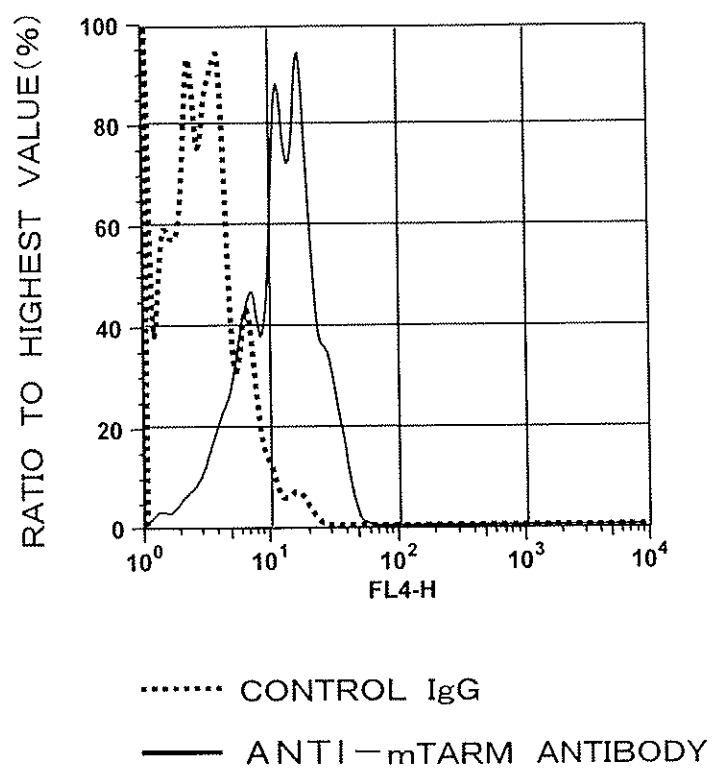


FIG.7

<PBS>

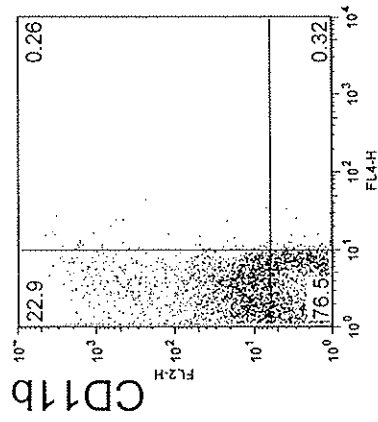


FIG.8A

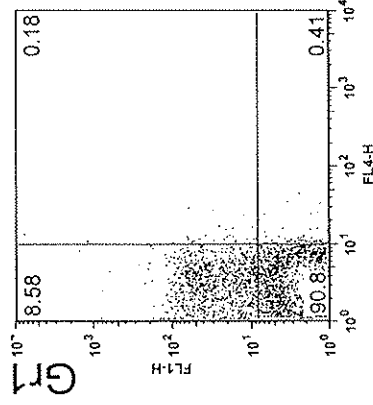


FIG.8C

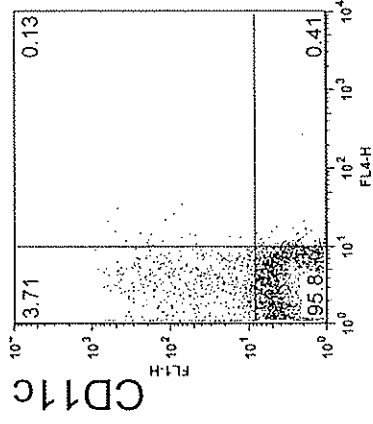


FIG.8E

<LPS>

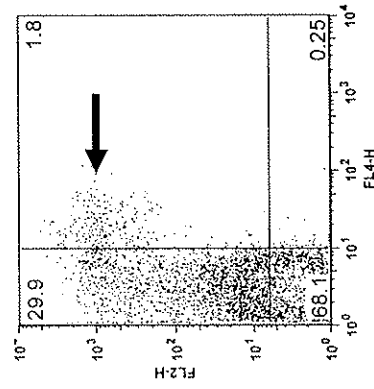


FIG.8B

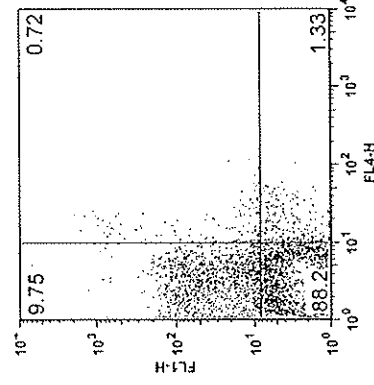


FIG.8D

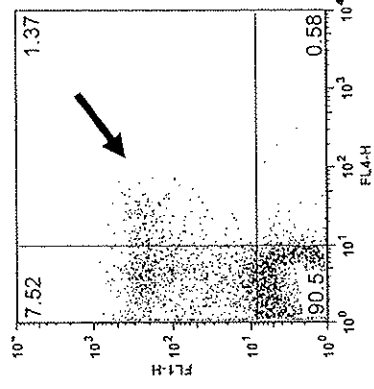
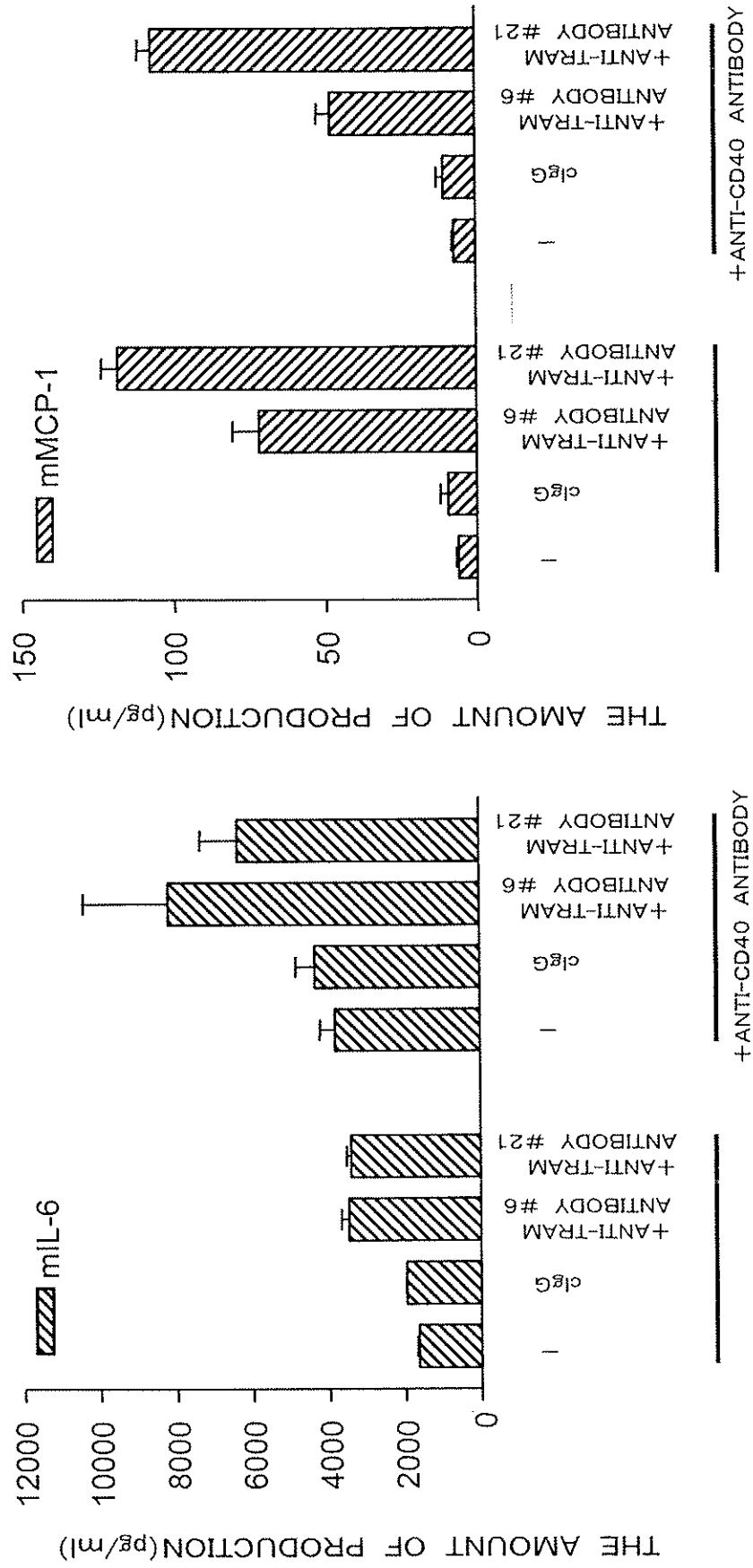
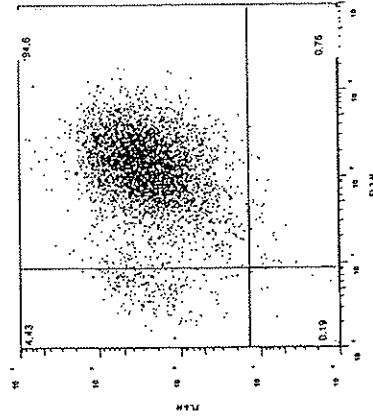


FIG.8F

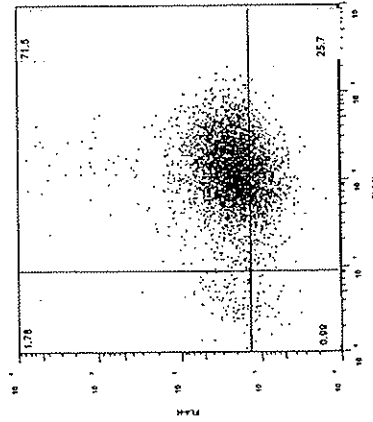
→ mTARM



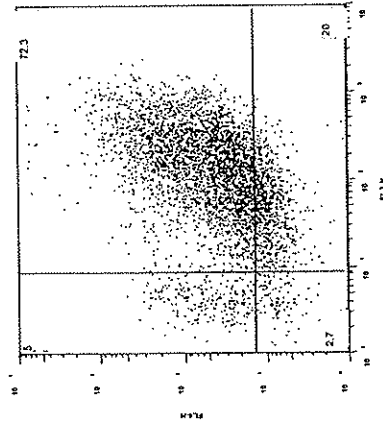
mTRAM-EXPRESSING
B300.19 CELLS
+Flag-DAP12



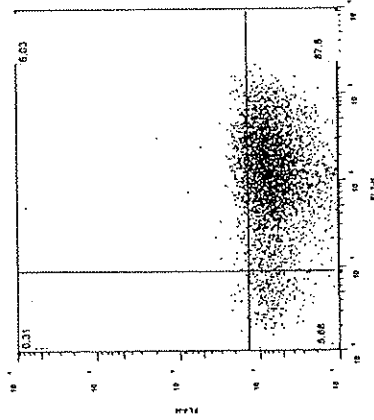
mTRAM-EXPRESSING
B300.19 CELLS
+Flag-DAP10



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

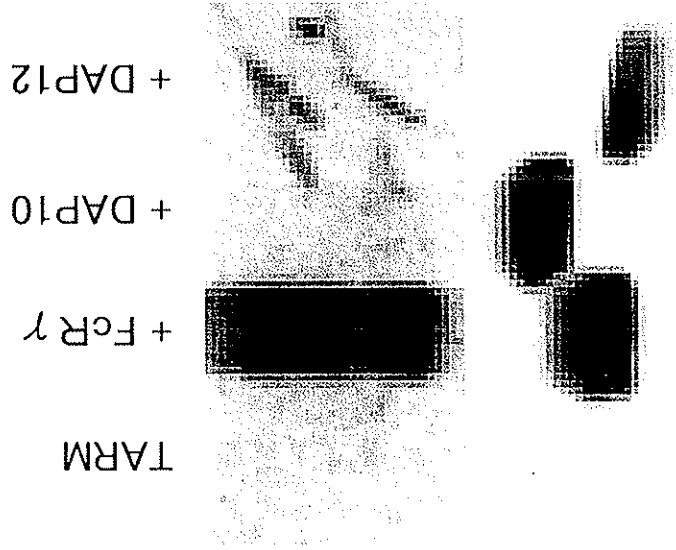


FIG.11A

BONE MARROW-DERIVED
MATURE DENDRITIC CELLS

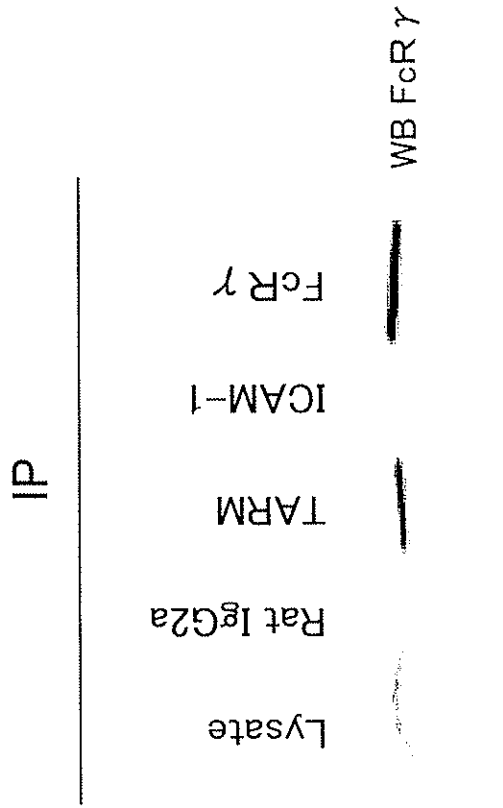
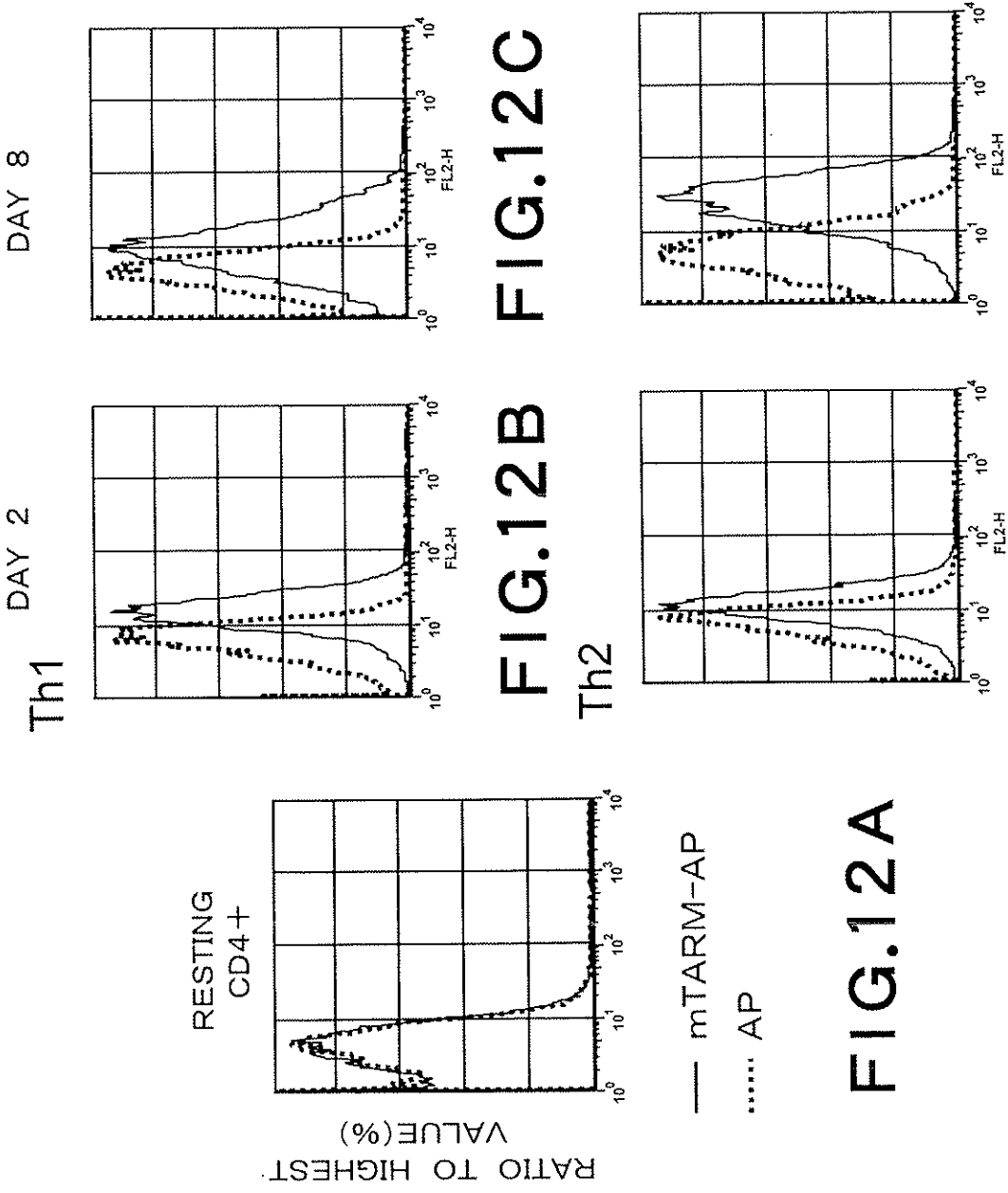


FIG.11B



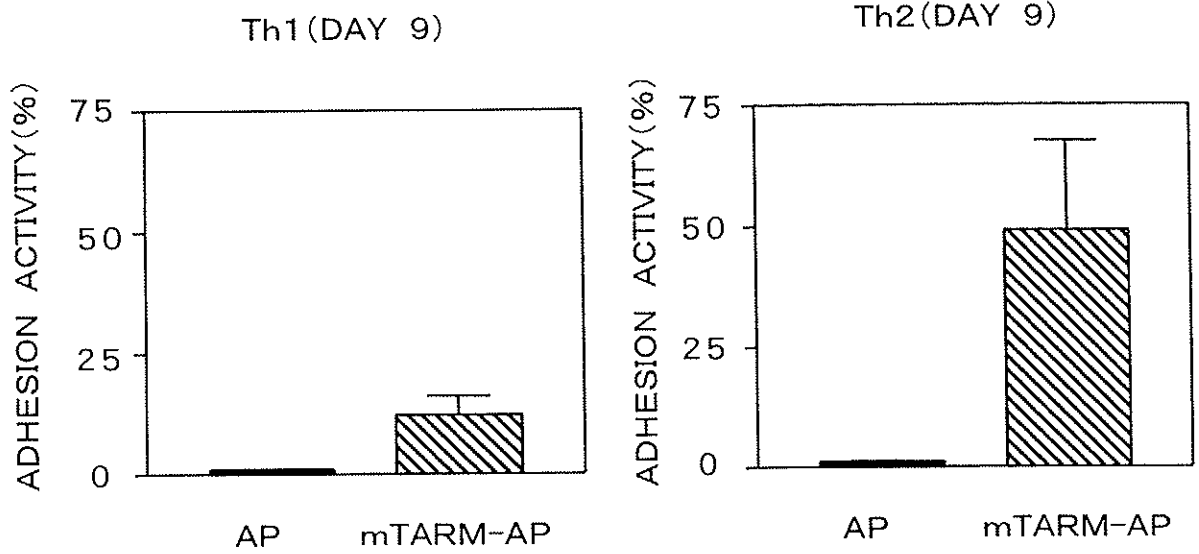


FIG.13A

FIG.13B

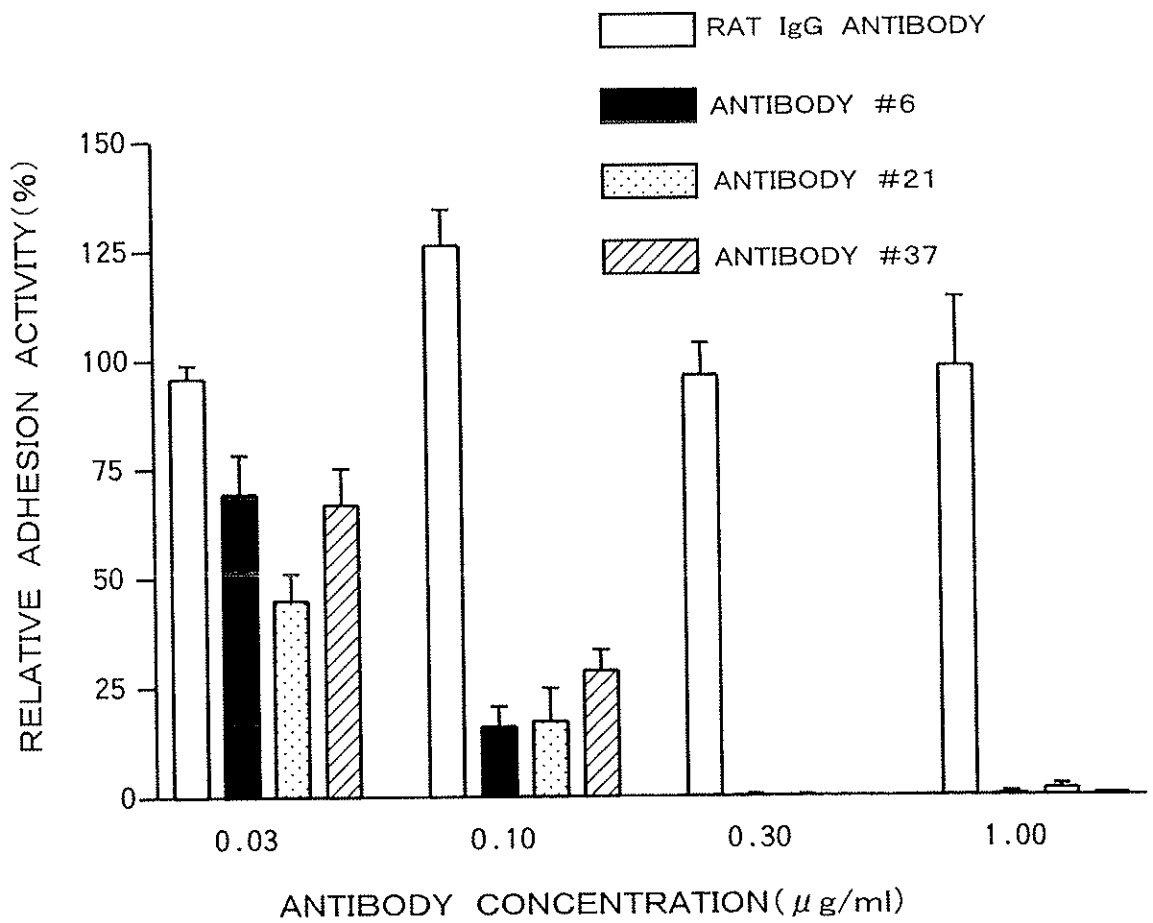


FIG.14

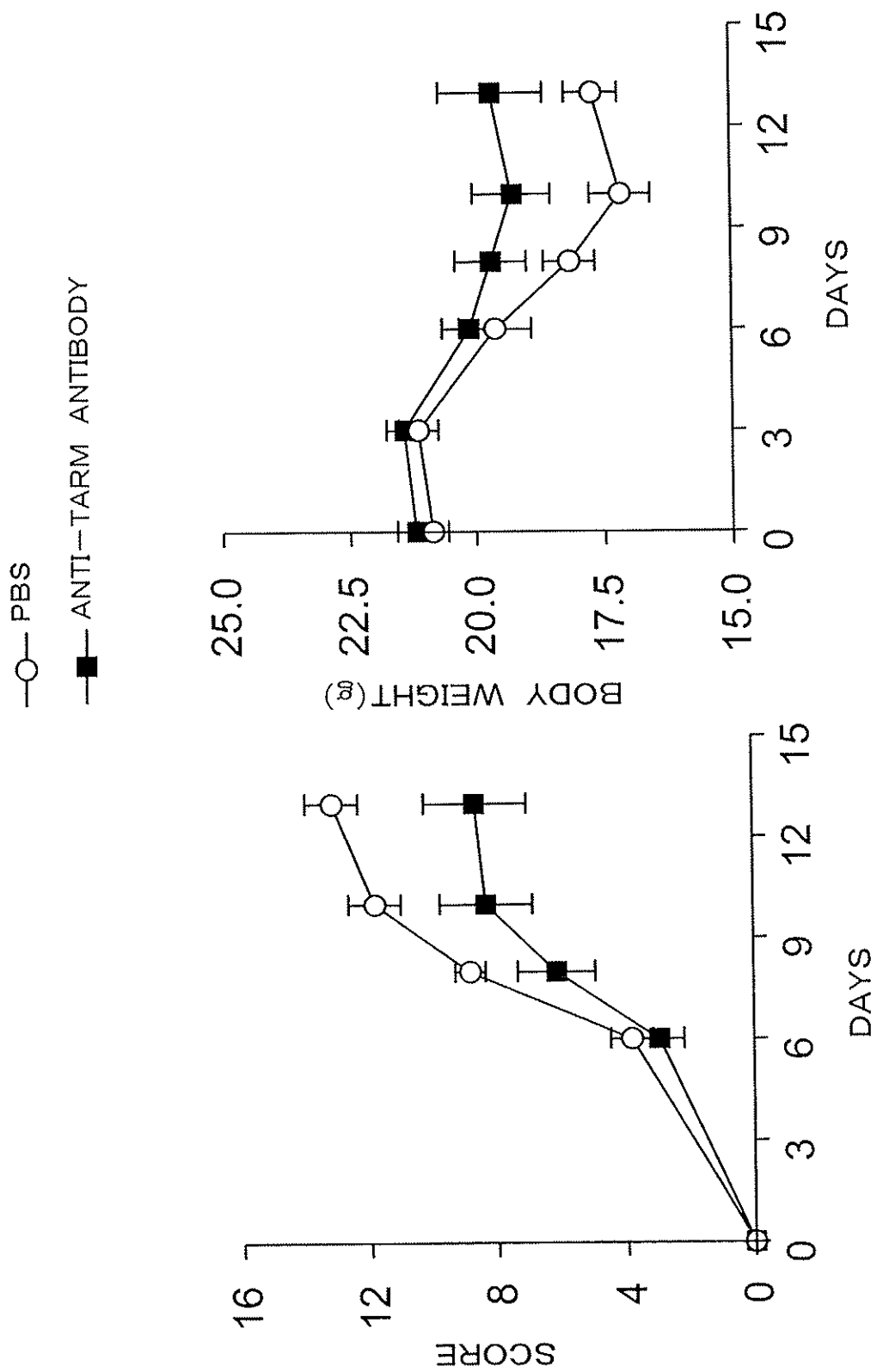


FIG.15B

FIG.15A

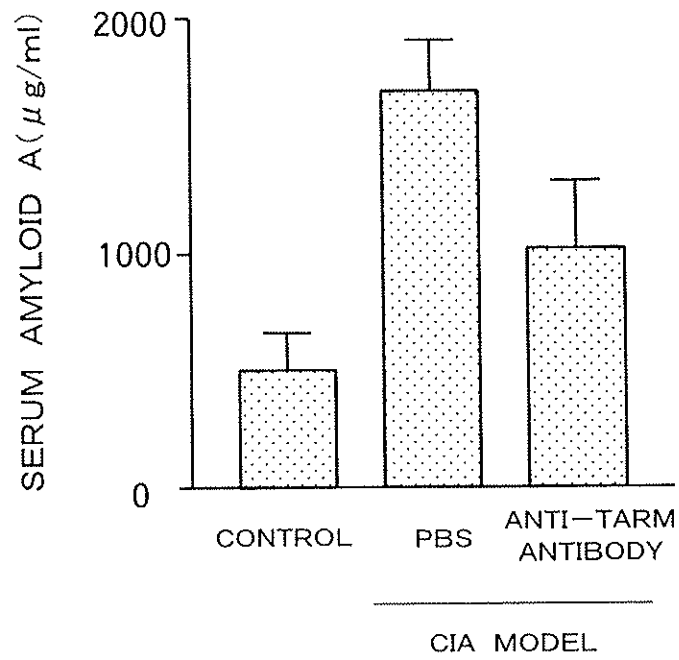


FIG.16

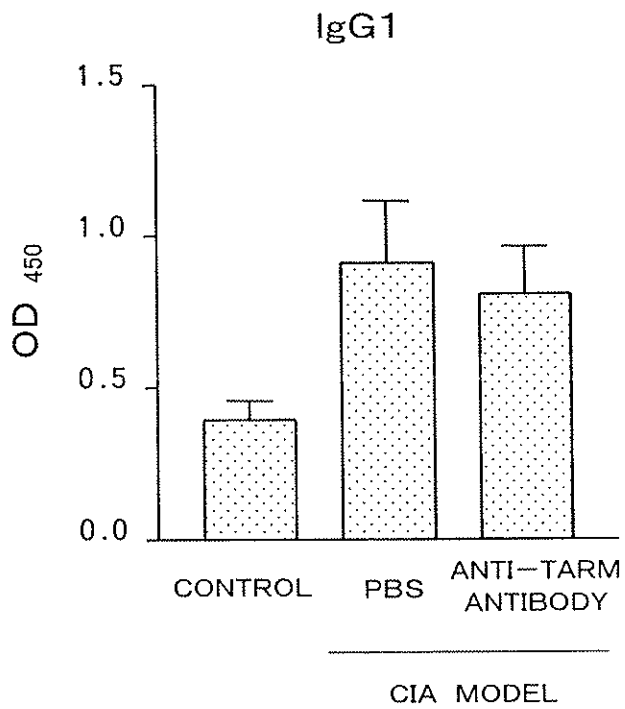


FIG.17A

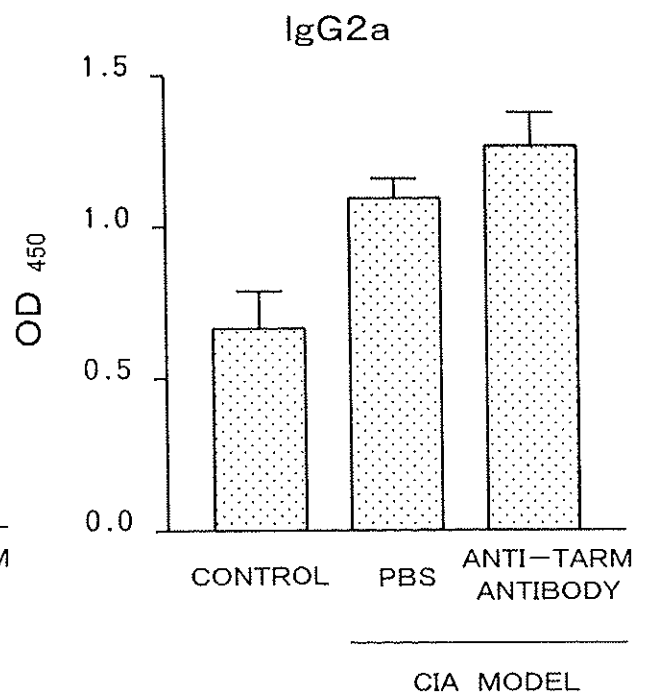


FIG.17B

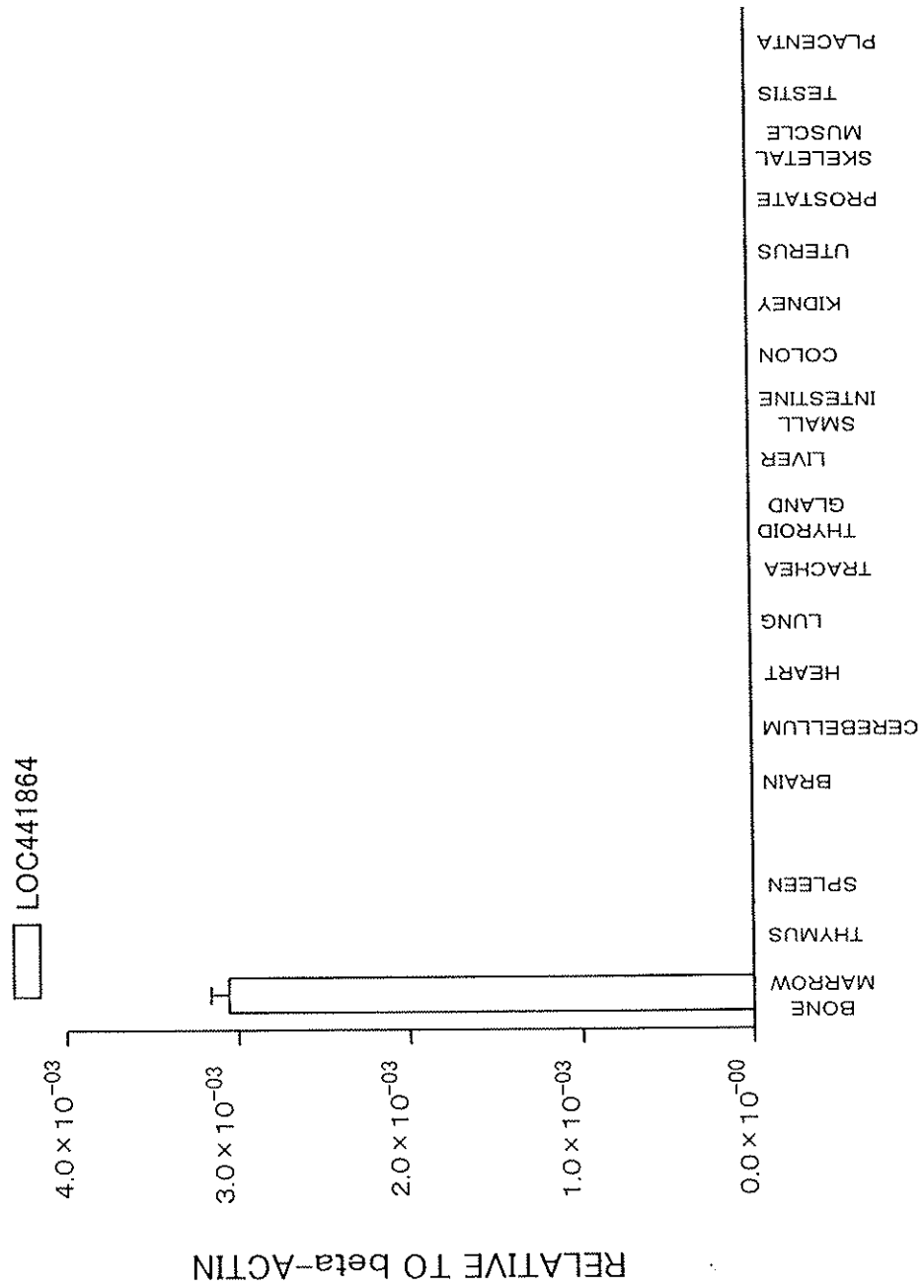


FIG.18

hTARM		MIP KLLSLLCFRL CVGQGDTRGD	GSLPKPSLSA	WPSSVVPANS	NVTLRCWTPA
LOC441864		MVKENRWERM EELEVEQKPKQ SSVGRMRTPE	RSLPKPSLSA	WPSSVVPANS	NVTLRCWTPA
hTARM		RGVSFVLKRG GIILESPKPL DSTEAAEFH	LNNLKVRNAG	EYTCEYYRKA	SPHILSQRS
LOC441864		RGVSFVLKRG GIILESPKPL DSTEAAEFH	LNNLKVRNAG	EYTCEYYRKA	SPHILSQRS
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

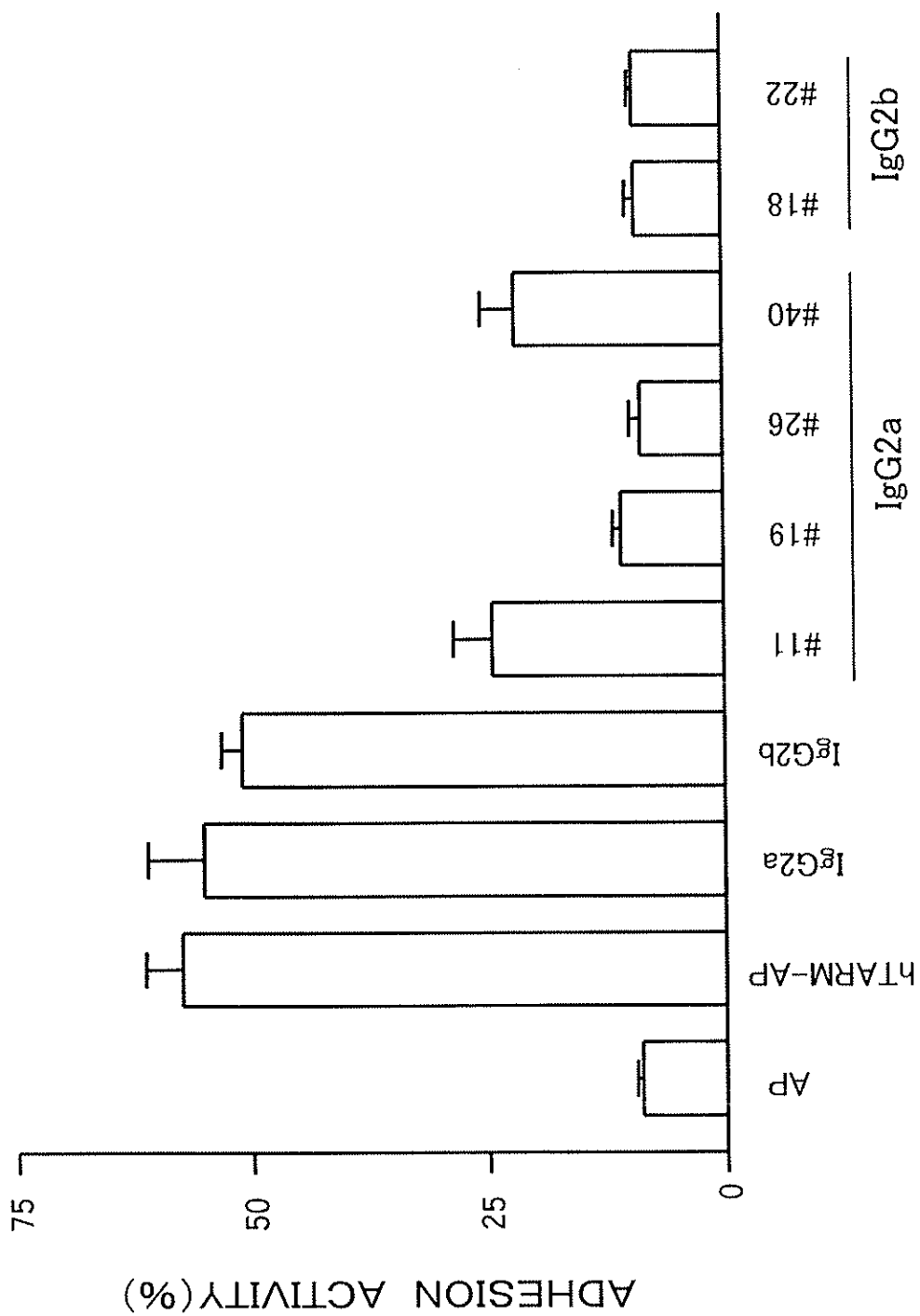


FIG.20

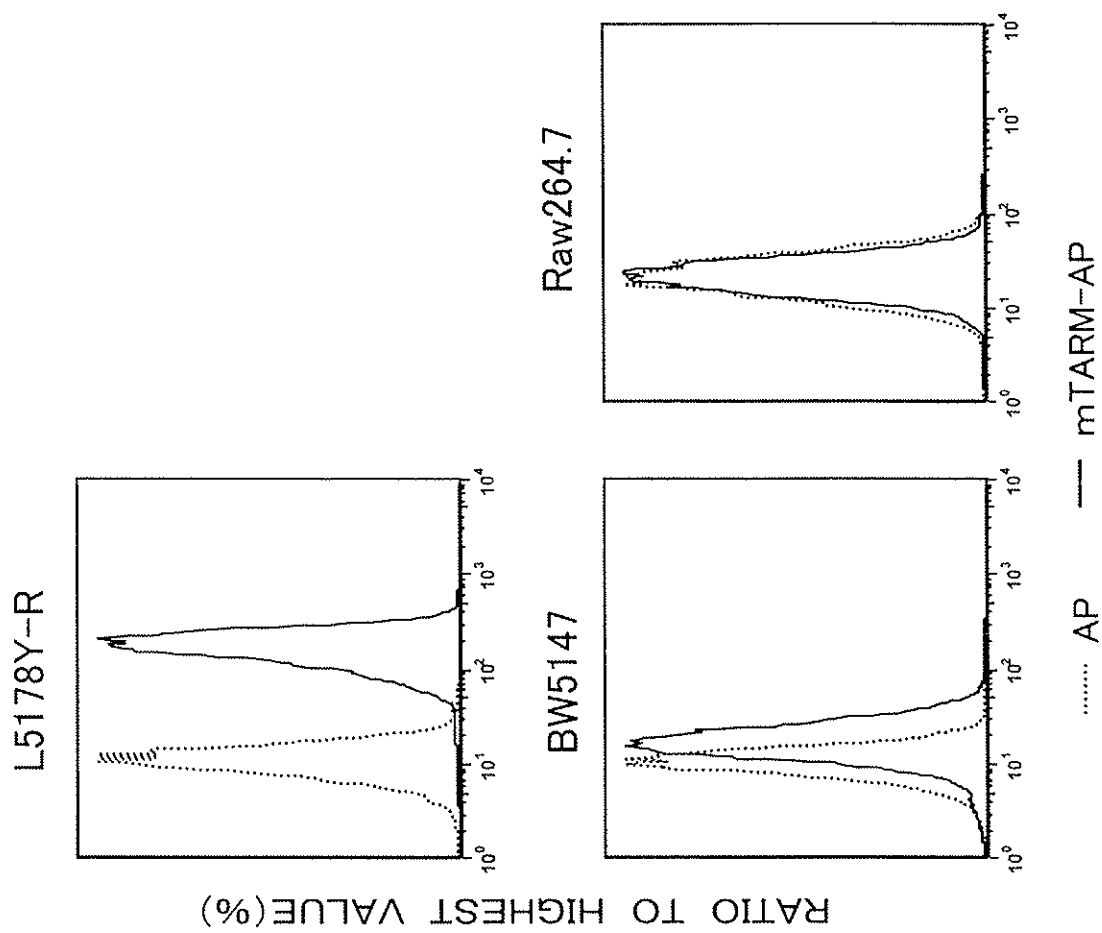


FIG.21A

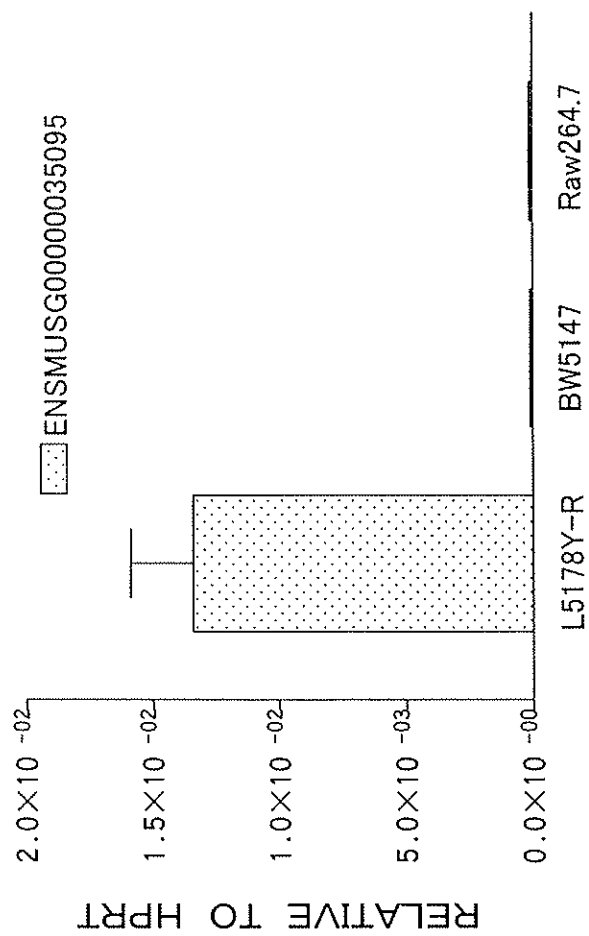


FIG.21B

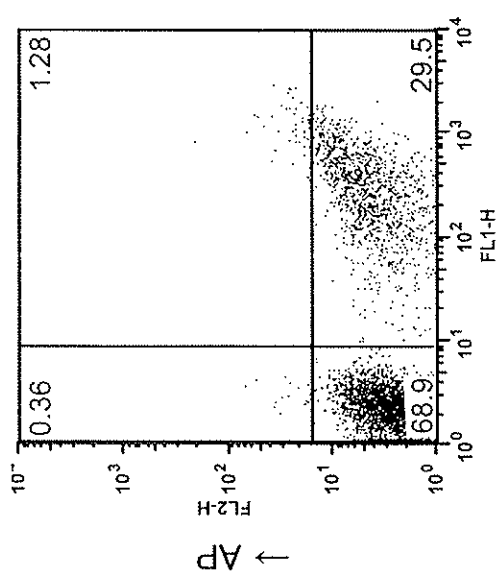
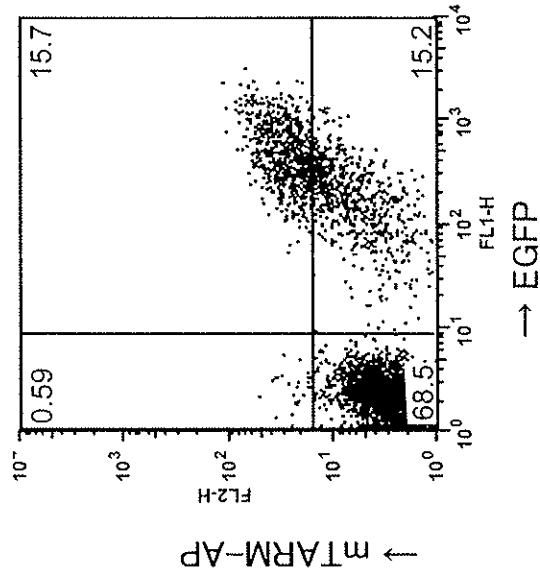


FIG.22A

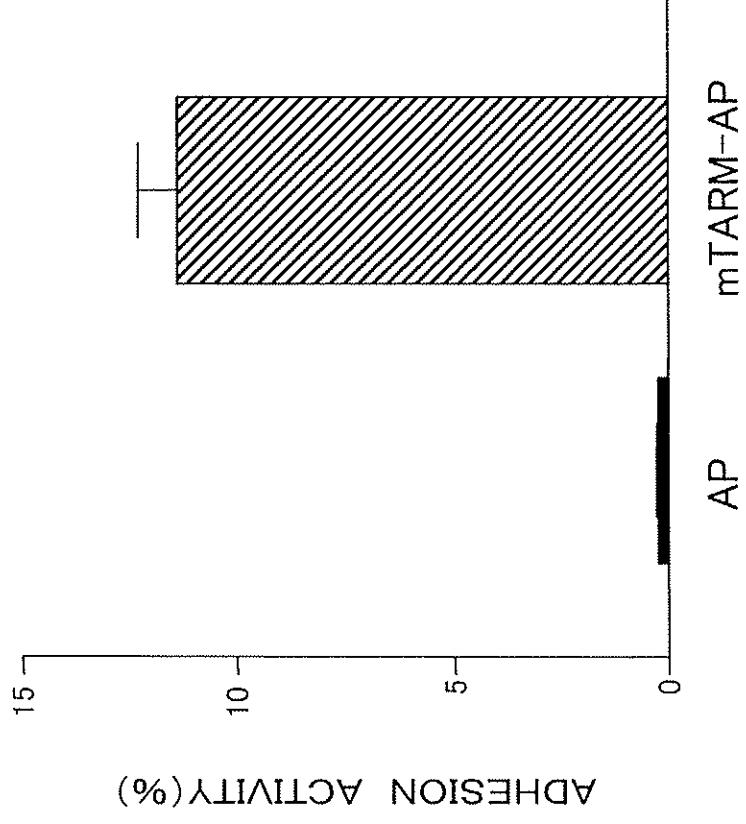


FIG.22B

hTARML	NQ-ORGAAGSRGGALFFLLGVILFFQGVYIMFSLERADAHVRCWEEKIKLNGTEKSTSD
nTARML	NQLARGTVGGRGALFFLLSILVVGARIWLSLEISADAHVRGHWGENIKLNGTEKSSSD
hTARML	VTDKLTI DWTYRPPSS HTVSEI PHQOSTFOYPTITAGTEPRDRI SAVGNWYKGDASI SI SNPT
nTARML	VTDKLTI DWTYRPPSS RTESIEPHQOSTFOYPTITAGTEPRDRI SAVGNWYKGDASI SI SNPT
hTARML	IKDNGTFSCAVKNRPDXXHHNIEMTELENGEGTFLSSVALLSILLEVVPSSAVMMALLLV
nTARML	LKDNGTFSCAVKNRPDXYHNIPLTELTATENGEGTFLSSVALLSILLEVVPSSAVMMALLLV
hTARML	RWGRKAAAGLKKRSRSGLKKSSLENSDDITDQBEEEACGVARLGVRCAGCLDS DMEETY-
nTARML	RWGRKATGVQKRSRSGLKKSSLENSDDITDQBEESNDGRTILGVRCAGCLDS DMEEEAY

FIG.23

```

hTARN      MI PKLLSLLCFRLCVGQGDTRGDGSLPKPSLSAMPSSVVPANSNVTLCWTPARGVSFYL
nTARN_n3   MI SRLLSLLCLRLCVGQTDI PENGSPPKPSLSAMPSTVLPTKSHVTMQCKSPTPSKYFIL

hTARN      RKGGIILESPKPLDSTEGAAEFHLNNLKVYRNAGEYTCYYRKASPHI LSQRSDVLLLLVT
nTARN_n3   KKEGFALNSVKPYNLTEETADFHFTDLRONDGGHYTCEYYSKNPHDTPSHPSNALFLLVT

hTARN      GHLSKPFLRTYORGTVTAGGRVTLQCQKRDOLFVPI YFALLKAGTPSPIQLQSPAGKEID
nTARN_n3   GYLPQPSFOAHHRGTVTAGSKVTLQCQKAG5VLGPVKFALLKVGHSTPVQTRSSSTGMYS D

hTARN      FSLVDVTAGDAGNYSCMYYYQTK5PFVASEPSDOLEILVT.....
nTARN_n3   FSLQNVTARDSGEYSCVYYQAKAPYRASGPSNLLEISVI DNHLPODLAASTFPPLTATS

hTARN      -VPPGTISSNYSLGNFVRLGLAAVIYVI NGAFLVEAWYSRNVSPGESEAFKPE
nTARN_n3   PKTPGTMTGYTVDNLI RYGVAAAILLI VGGFLVEAWHSERLSPNKP CAPGEK

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FIG.24