Fig. 1

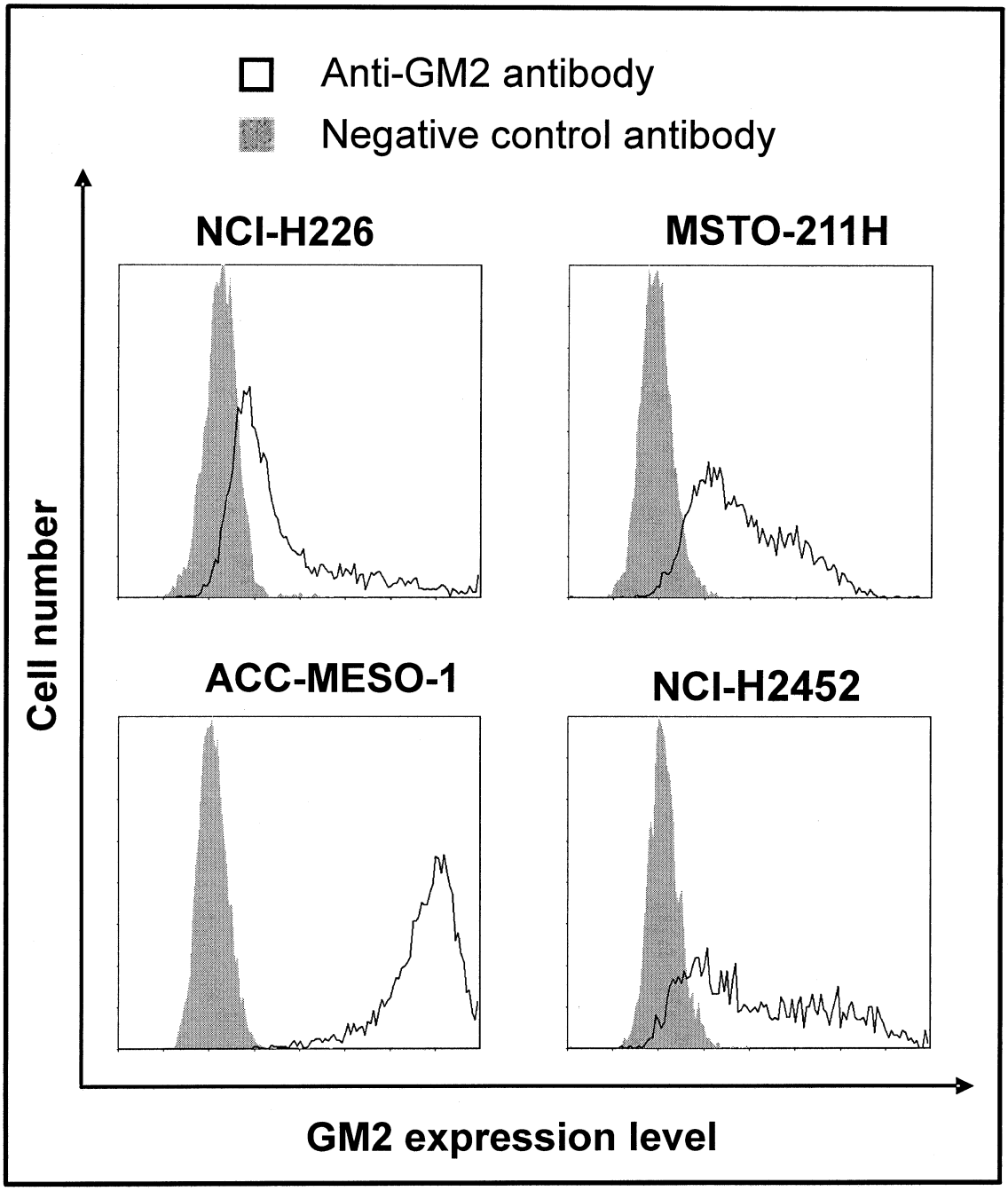

Anti-GM2 antibody
Negative control antibody
NCI-H226
MSTO-211H
ACC-MESO-1
NCI-H2452
Cell number
GM2 expression level

Fig. 2

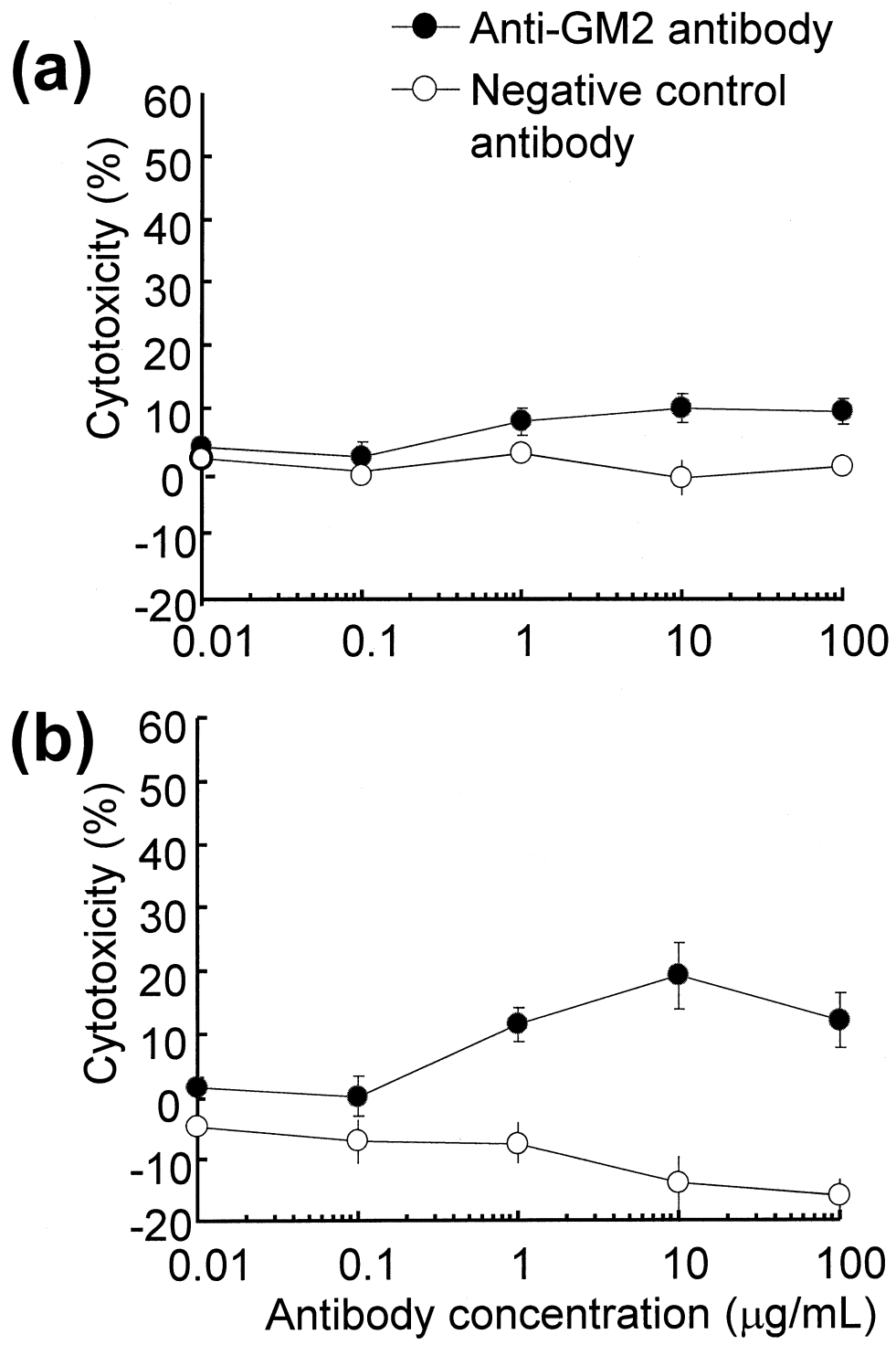
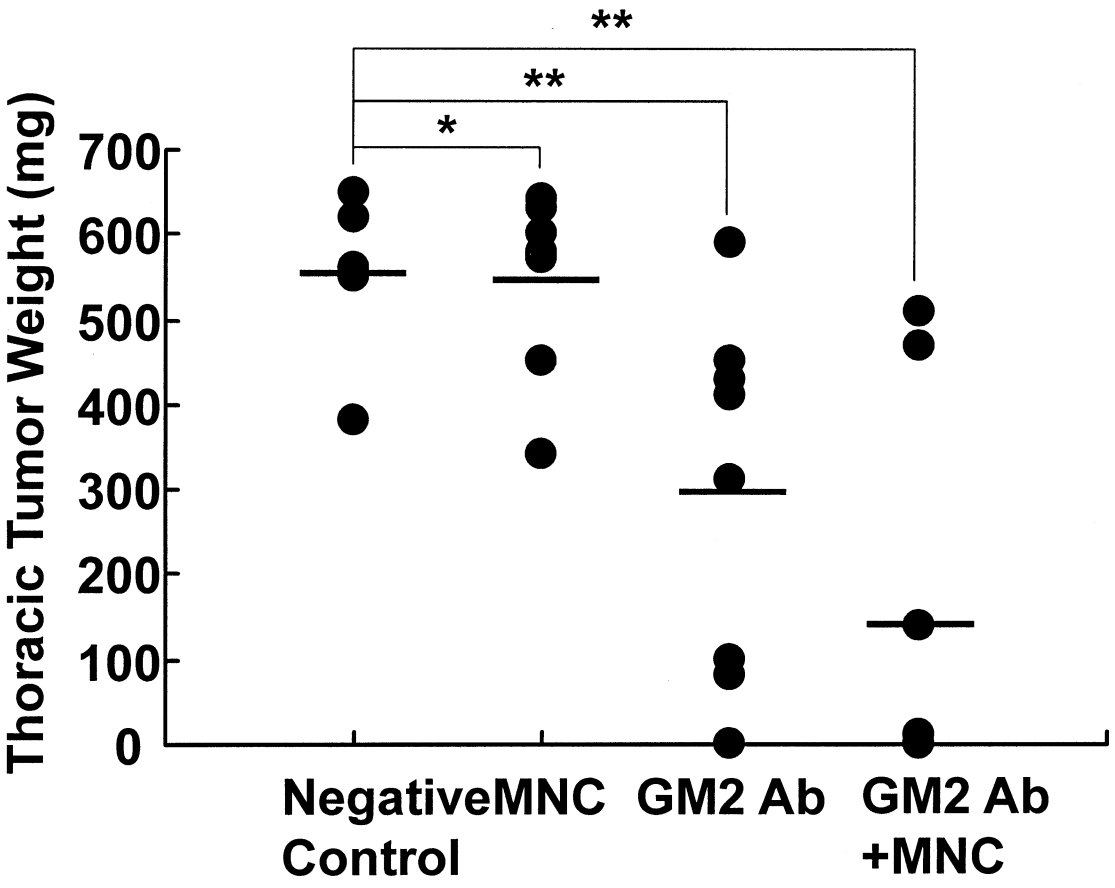

(a)
Anti-GM2 antibody
Negative control antibody
Cytotoxicity (%)
60
50
40
30
20
10
0
-10
-20
0.01
0.1
1
10
100
(b)
Cytotoxicity (%)
60
50
40
30
20
10
0
-10
-20
0.01
0.1
1
10
100
Antibody concentration (μg/mL)

Fig. 3



Dunnett's multiple comparison test

*** P>0.05**

**** P<0.01**

Fig. 4

Sample ID	Age	Gender	Tissue Origin /Detected Tissue	Disease type by Pathological Classification	TNM Classification	Minimum Stage Grouping	Normal Tissue (%)	Lesion area (%)	Tumor Tissue (%)	Tumor/ Hyper-cellular Stroma (%)	Tumor/ Hypo-cellular or Acellular Stroma (%)	Necrosis (%)
FR00004AF8	62	Male	Pleura / Lung	Mesothelioma of pleura, mixed type	pT3pN1pMX	III	0	0	90	5	5	0
FR00005932	68	Male	Pleura / Pleura	Mesothelioma of pleura	pT3pN1pMX	III	0	0	20	0	80	0
FR00005E39	57	Male	Pleura / Pleura	Mesothelioma of pleura	pTXpNXpMX	Not Reported	0	0	70	15	15	0
FR00017430	69	Male	Pleura / Pleura	Mesothelioma of pleura	pT2pN0pMX	II	0	0	90	5	5	0
FR0001A6C1	68	Male	Pleura / Lung	Mesothelioma of pleura, mixed type	pT3pN1pMX	III	0	0	35	20	45	0
FR0001CA2A	65	Male	Peritoneum / Colon	Mesothelioma of mesentery	Not Reported	Not Reported	0	0	80	10	10	0
FR0001D4BA	58	Male	Pleura / Pleura	Mesothelioma of pleura, mixed type	pT2pN0pMX	II	30	0	30	0	40	0
FR00020029	69	Male	Pleura / Pleura	Mesothelioma of pleura, mixed type	pT1pNXpMX	I	0	0	60	20	20	0
FR0002081F	53	Male	Pleura / Lung	Mesothelioma of pleura	pT3pN1pM1	IV	0	0	65	0	35	0
FR000265FD	57	Female	Pleura / Pleura	Mesothelioma of pleura	pT3pN1pMX	III	0	0	85	0	15	0
FR0002731F	73	Male	Pleura / Pleura	Mesothelioma of pleura	pTXpNXpMX	Not Reported	0	0	15	25	40	20
FR00026B23	52	Male	Pleura / Pleura	Mesothelioma of pleura, mixed type	pT3pN0pMX	III	0	85	15	0	0	0
FR000265A2	71	Male	Pleura / Pleura	Mesothelioma of pleura, mixed type	pT4pNXpMX	IV	0	0	50	0	50	0
FR0002939E	50	Male	Pleura / Pleura	Mesothelioma of pleura, mixed type	pT4pN0pMX	IV	0	0	90	5	5	0
FR00035469	65	Male	Pleura / Pleura	Mesothelioma of pleura	pT2pN2pMX	III	0	0	25	75	0	0
FR000011E5	71	Male	Lung / Lung	Mesothelioma of pleura	pT2pN0pMX	IIA	20	0	20	60	0	0
FR00002E6B	81	Male	Pleura / Chest wall	Mesothelioma of pleura, epithelial type	pTXpNXpMX	Not Reported	0	0	85	0	15	0
FR00006328	66	Male	Pleura / Pleura	Mesothelioma of pleura	pT2pN0pMX	II	0	0	55	35	10	0
FR00006A38	86	Male	Pleura / Pleura	Mesothelioma of pleura	pTXpNXpMX	Not Reported	30	0	50	0	20	0
FR00018ABD	55	Male	Pleura / Pleura	Mesothelioma of pleura	pT1pNXpMX	I	0	0	50	0	50	0
FR00016972	63	Not Specified	Pleura / Pleura	Mesothelioma of pleura	pT1pNXpMX	I	0	0	50	5	45	0
SX00002843	61	Male	Pleura / Abdominal wall	Mesothelioma of pleura, metastatic	pT4pNXpMX	IV	0	0	40	20	40	0
FR0001742F	69	Male	Pleura / Pleura	Mesothelioma of pleura	pT2pN0pMX	II	0	0	90	5	5	0
FR000265FE	57	Female	Pleura / Pleura	Mesothelioma of pleura	pT3pN1pMX	III	0	0	85	0	15	0
FR000293A0	50	Male	Pleura / Pleura	Mesothelioma of pleura, mixed type	pT4pN0pMX	IV	0	0	90	5	5	0
FR00002E64	81	Male	Pleura / Chest wall	Mesothelioma of pleura, epithelial type	pTXpNXpMX	Not Reported	10	0	55	0	35	0