

Supplemental materials

A

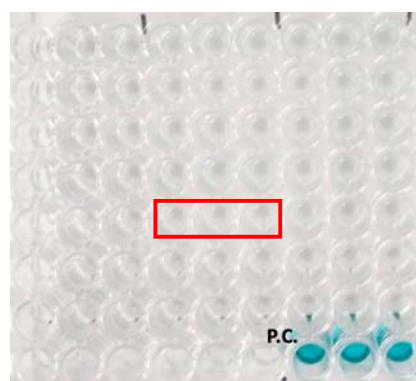
EpCAM_24_43	QEESVSENYKLAVNSFVNNN
EpCAM_34_53	LAVNSFVNNNRQSQSTSVGA
EpCAM_44_63	RQSQSTSVGAQNTVISSKLA
EpCAM_54_73	QNTVISSKLAASKSLVKAEM
EpCAM_64_83	AKSLVMKAEMNGSKLGRRAK
EpCAM_74_93	NGSKLGRRAKPEGALQNNDG
EpCAM_84_103	PEGALQNNDGLYDPDSDESG
EpCAM_94_113	LYDPDSDESGLFKAKQSNGT
EpCAM_104_123	LFKAKQSNGTSTWSVNTAG
EpCAM_114_133	STWSVNTAGVRRTDKDEI
EpCAM_124_143	VRRTDKDEITSSSERVRTYW
EpCAM_134_153	TSSSERVRTYWI I IELKHKAR
EpCAM_144_163	II IELKHKAREKPYDSKSLR
EpCAM_154_173	EKPYDSKSLRTALQKEITTR
EpCAM_164_183	TALQKEITTRYQLDPKFITS
EpCAM_174_193	YQLDPKFITSILYENNVITI
EpCAM_184_203	ILYENNVITIDLQVNSSQKT
EpCAM_194_213	DLQVNSSQKTQNDVDIADVA
EpCAM_204_223	QNDVDIADVAYYFEKDVKG
EpCAM_214_233	YYFEKDVKGESLFHSSKMDL
EpCAM_224_243	SLFHSSKMDLTVNGEQLDLD
EpCAM_234_253	TVNGEQLDLDPGQTLIYYVD
EpCAM_244_262	PGQTLIYYVDEKAPEFSMQ-

B

	1	2	3	4	5	6	7	8	9
A	24-43	24-43	24-43	104-123	104-123	104-123	184-203	184-203	184-203
B	34-53	34-53	34-53	114-133	114-133	114-133	194-213	194-213	194-213
C	44-63	44-63	44-63	124-143	124-143	124-143	204-223	204-223	204-223
D	54-73	54-73	54-73	134-153	134-153	134-153	214-233	214-233	214-233
E	64-83	64-83	64-83	144-163	144-163	144-163	224-243	224-243	224-243
F	74-93	74-93	74-93	154-173	154-173	154-173	234-253	234-253	234-253
G	84-103	84-103	84-103	164-183	164-183	164-183	244-262	244-262	244-262
H	94-113	94-113	94-113	174-193	174-193	174-193	P.C.	P.C.	P.C.

positive control

C



positive control

Figure S1. Determination of the recEpMab-37 epitope for EpCAM by ELISA using synthesized peptides of EpCAM extracellular domain. (A) Synthesized peptides of EpCAM extracellular domain. (B, C) The peptides (10 µg/mL) were immobilized on immunoplates as indicated. The plates were incubated with recEpMab-37 (1 µg/mL), followed by incubation with peroxidase-conjugated anti-mouse immunoglobulins. Enzymatic reactions were performed using the ELISA POD Substrate. Optical density was measured at 655 nm. Recombinant EpCAM ectodomain was used as a positive control. The Red square indicates the candidate region of recEpMab-37 epitope determined by flow cytometry (Fig. 4 in the main text). ELISA, enzyme-linked immunosorbent assay .