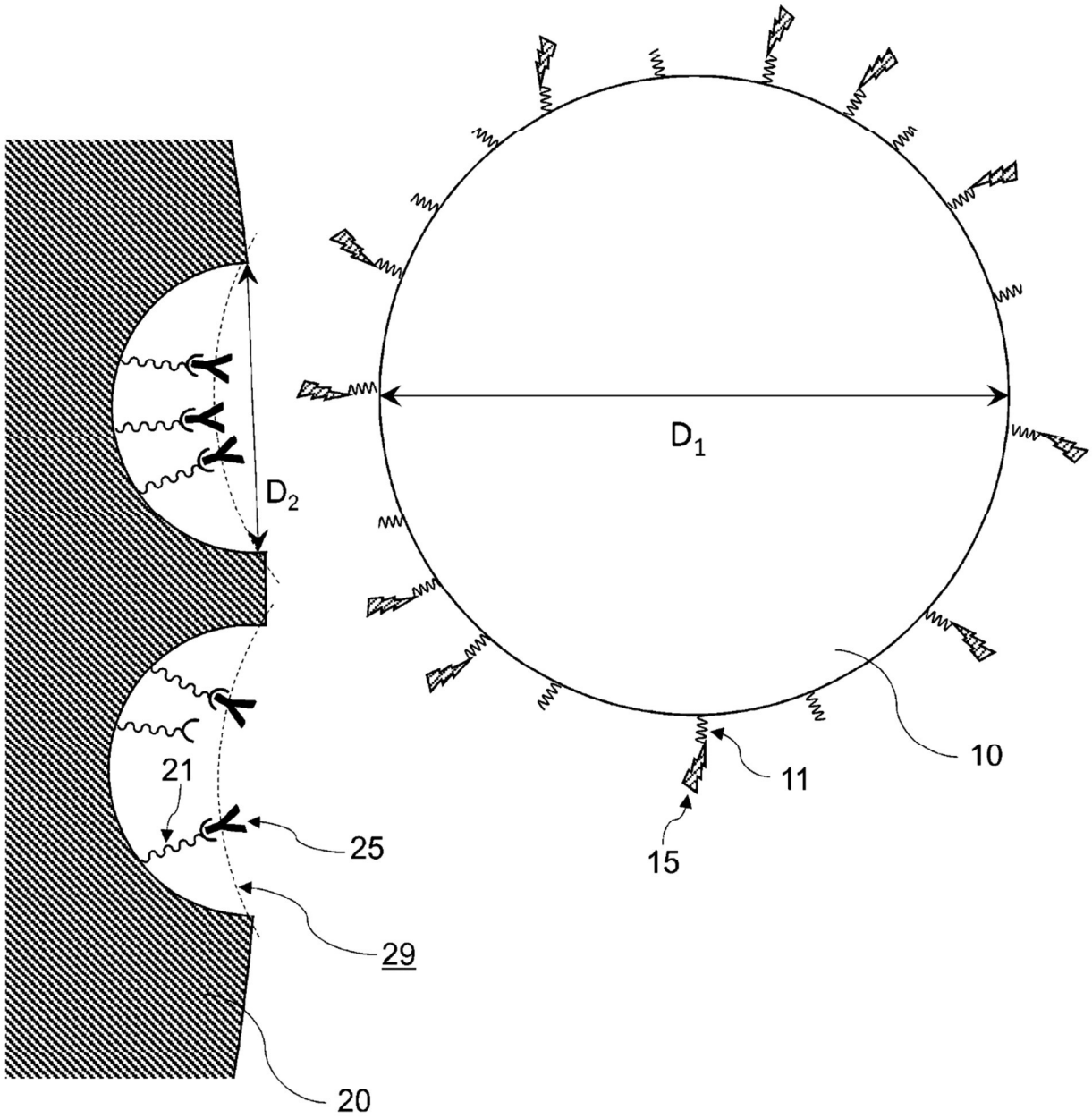
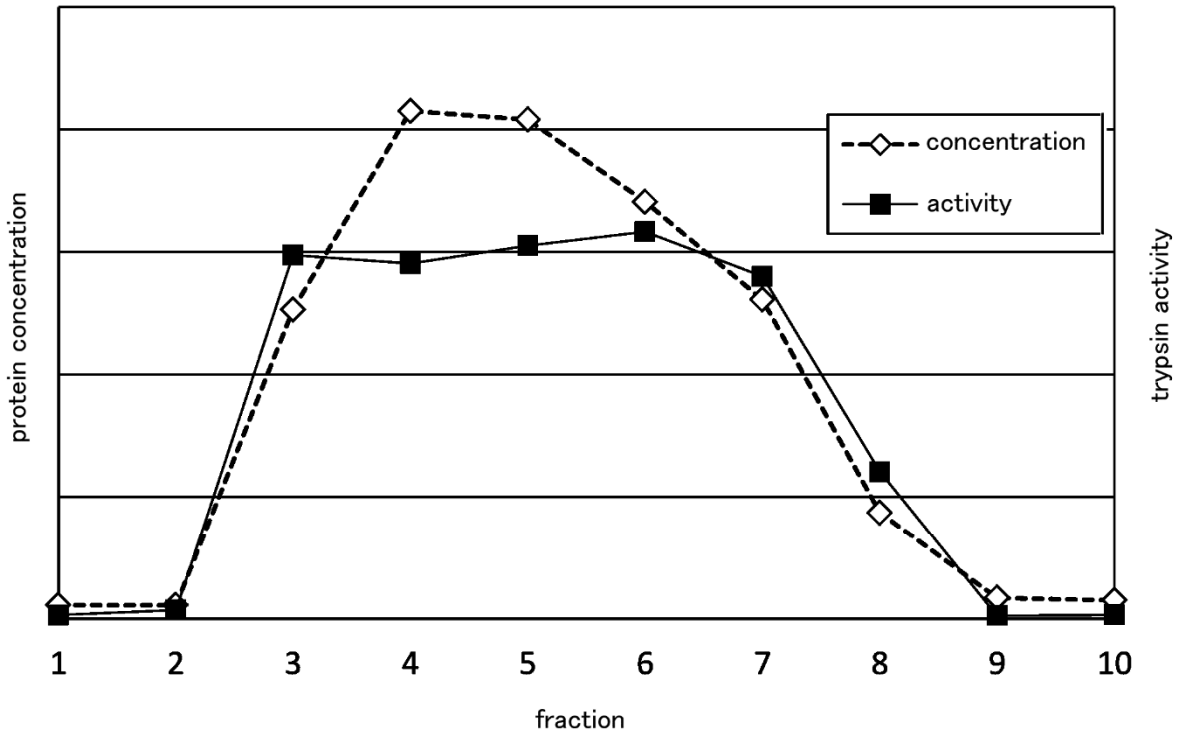
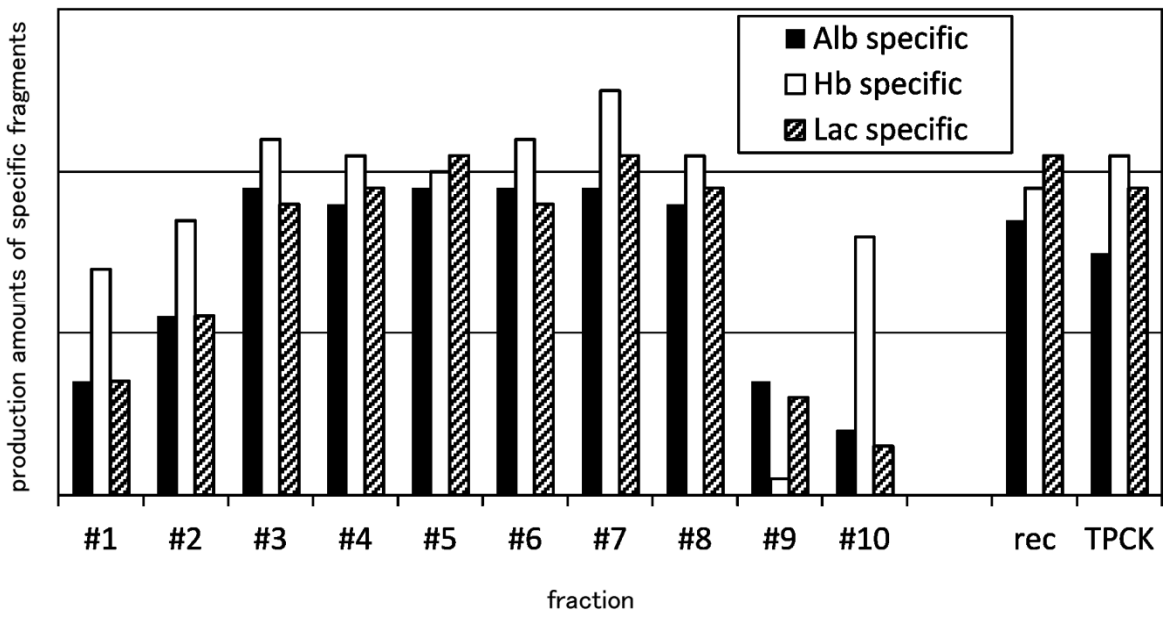
[Fig. 1]



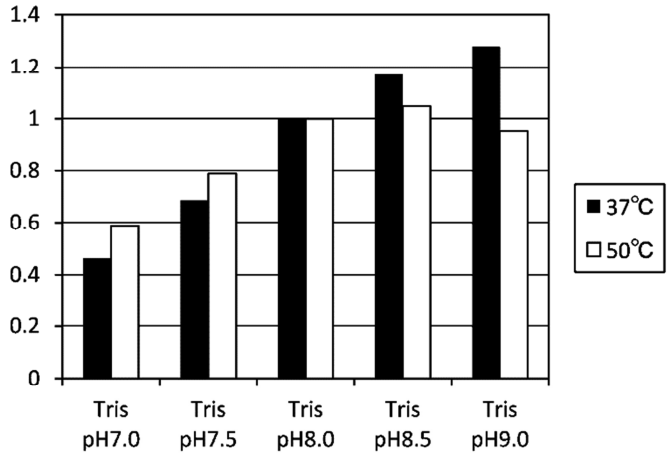
[Fig. 2]


concentration
activity
protein concentration
trypsin activity
1
2
3
4
5
6
7
8
9
10
fraction

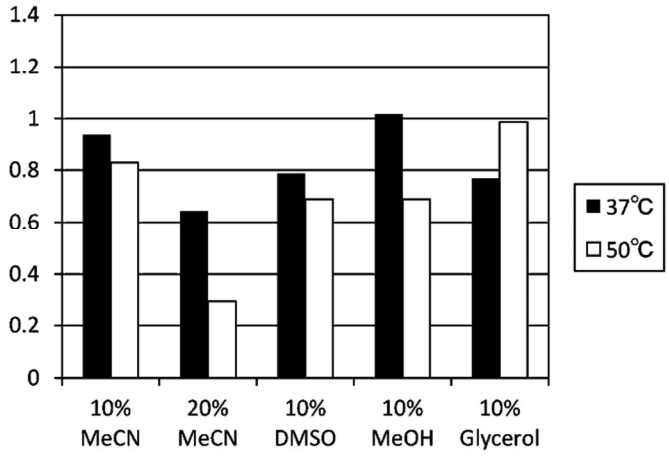
[Fig. 3]


Alb specific
Hb specific
Lac specific
production amounts of specific fragments
#1
#2
#3
#4
#5
#6
#7
#8
#9
#10
rec
TPCK
fraction

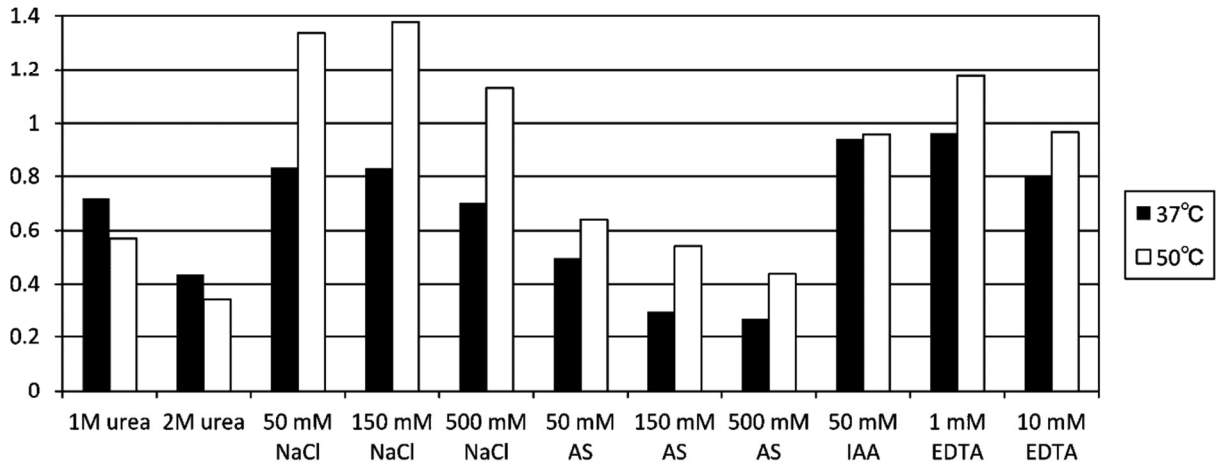
[Fig. 4A]



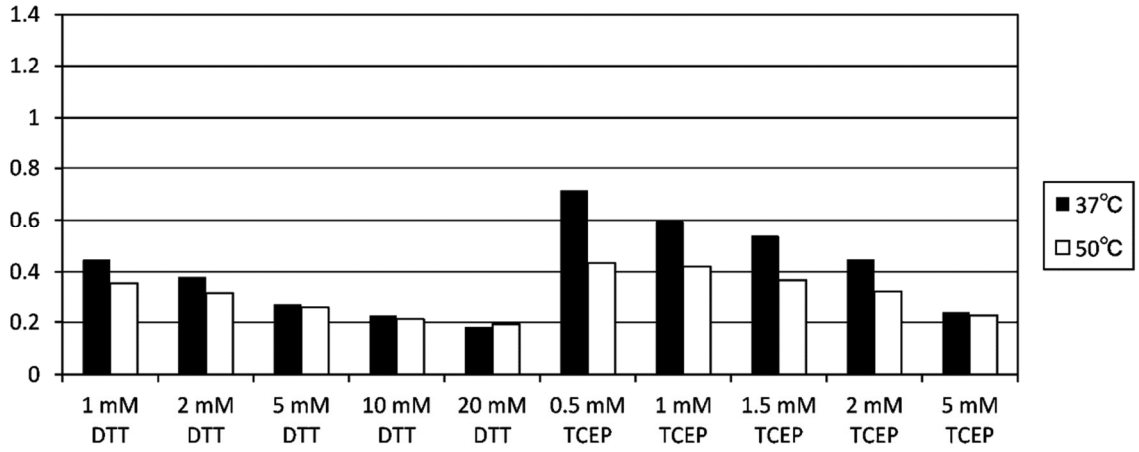
[Fig. 4B]



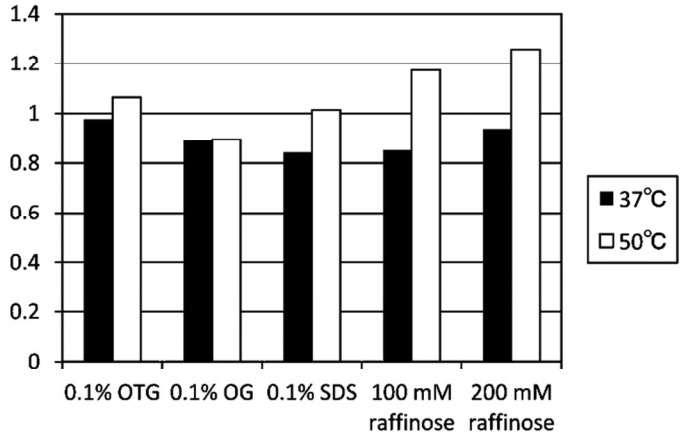
[Fig. 4C]



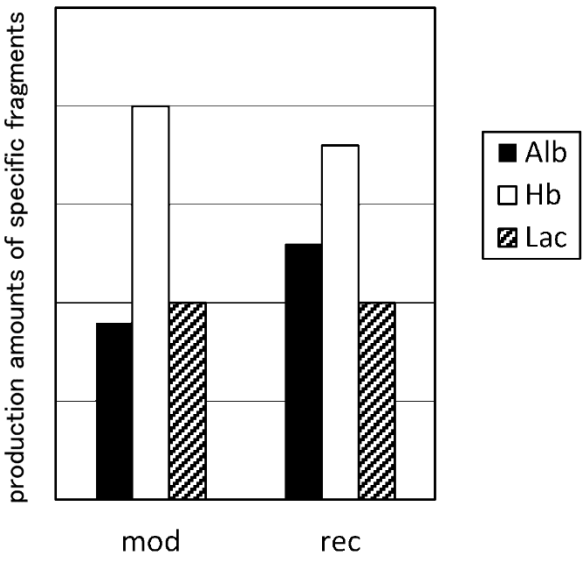
[Fig. 4D]



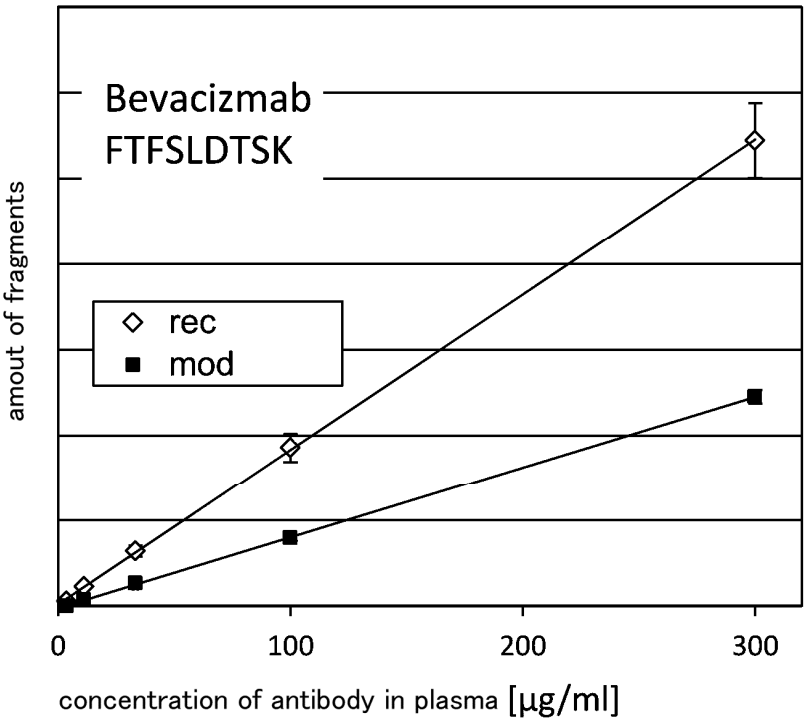
[Fig. 4E]



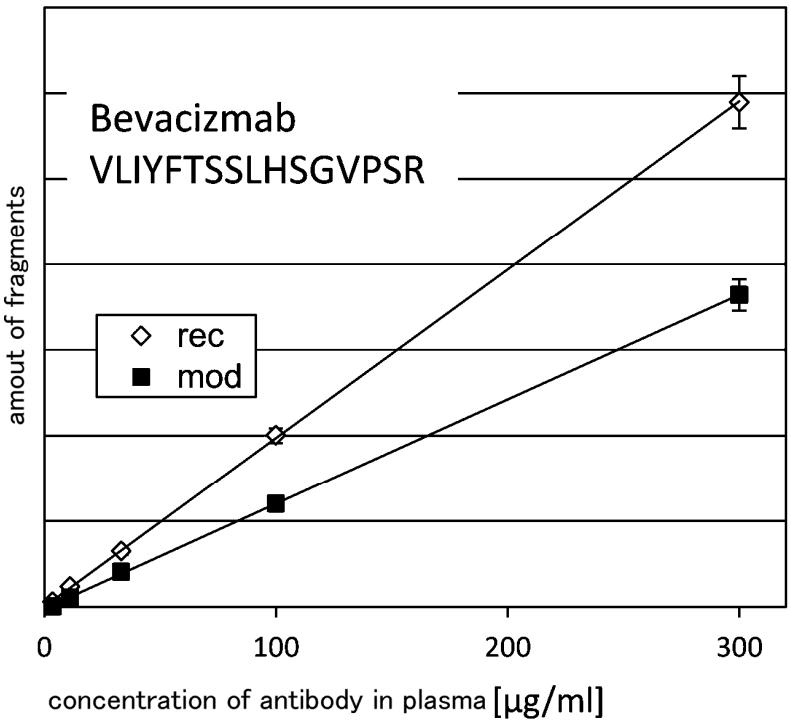
[Fig. 5]



[Fig. 6A]

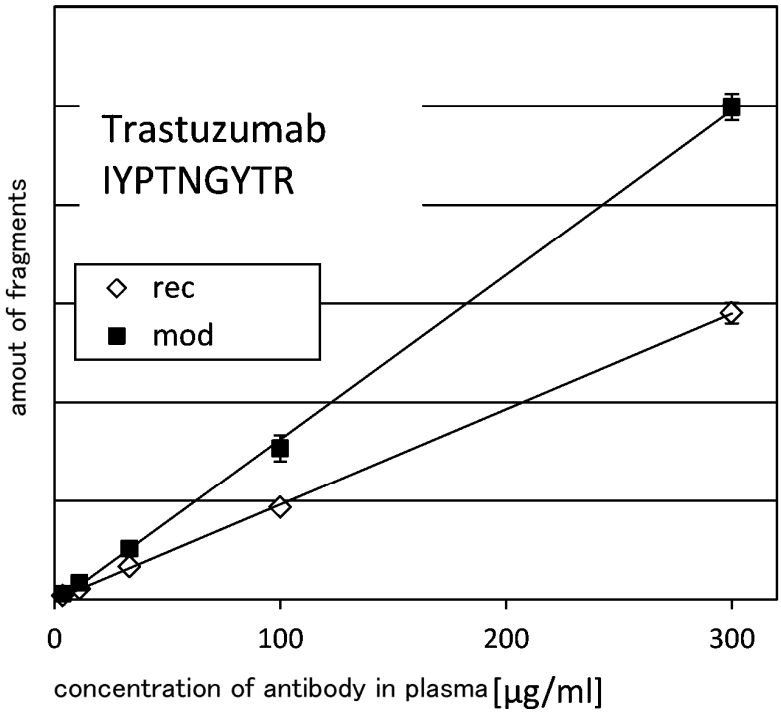


[Fig. 6B]

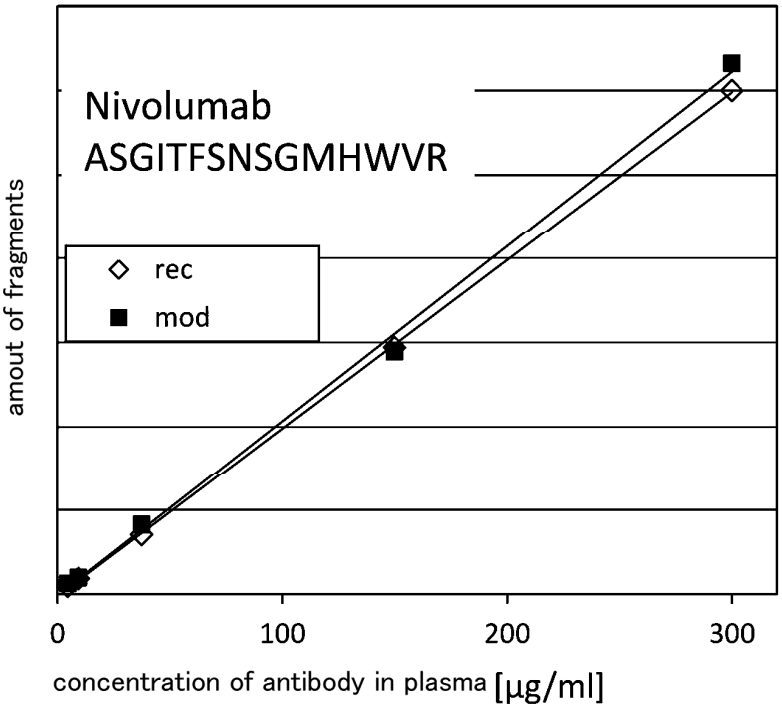


5

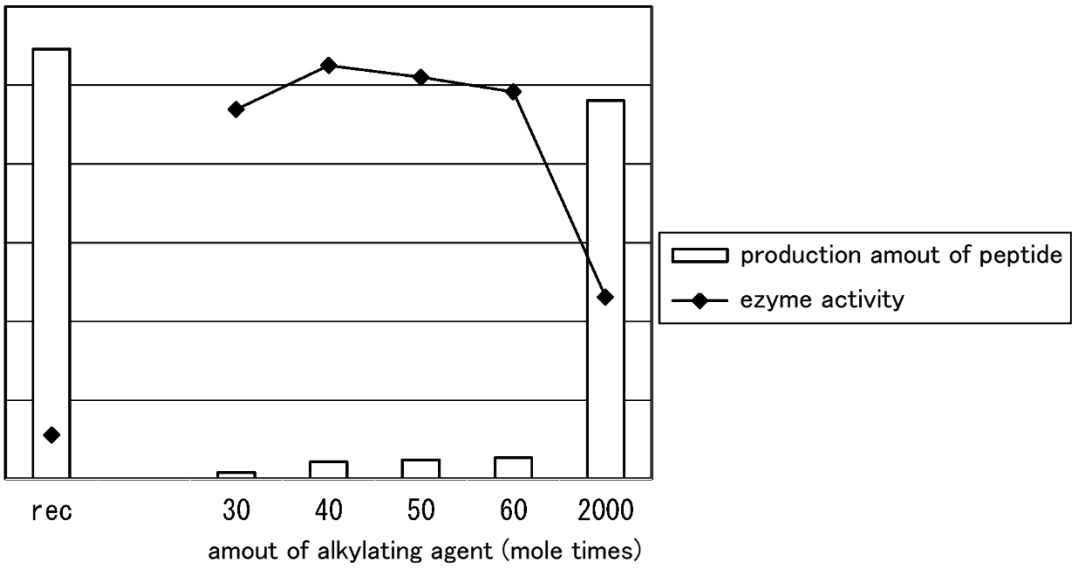
[Fig. 7]


Trastuzumab
IYPTNGYTR
rec
mod
amout of fragments
0
100
200
300
concentration of antibody in plasma [μg/ml]

[Fig. 8]


Nivolumab
ASGITFSNSGMHWVR
rec
mod
amout of fragments
0
100
200
300
concentration of antibody in plasma [μg/ml]

[Fig. 9]


production amout of peptide
ezyme activity
rec
30
40
50
60
2000
amout of alkylating agent (mole times)