

Generation of a canine anti-EGFR (ErbB-1) antibody for passive immunotherapy in dog cancer patients.

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Supplementary Table 1: Amino acid sequences of can225IgG.

Antibody Region	Amino Acid Sequence
Variable region heavy chain	Q V Q L K Q S G P G L V Q P S Q S L S I T C T V S G F S L T N Y G V H W V R Q S P G K G L E W L G V I W S G G N T D Y N T P F T S R L S I N K D N S K S Q V F F K M N S L Q S N D T A I Y Y C A R A L T Y Y D Y E F A Y W G Q G T L V T V S A
Constant region gamma heavy chain	A S T T A P S V F P L A P S C G S Q S G S T V A L A C L V S G Y I P E P V T V S W N S G S L T S G V H T F P S I L Q S S G L Y S L S S M V T V P S S R W P S E T F T C N V A H P A T N T K V D K P V V K E C E C K C N C N N C P C P G C G L L G G P S V F I F P P K P K D I L V T A R T P T V T C V V T A N L D P E N P E V Q I S W F V D S K Q V Q V D A N T Q P R E E Q S N G T Y R V V S V L P I G H Q D W L S G K Q F K C K V N N K A L P S P I E E I I S K T P G Q A H Q P N V Y V L P P S R D E M S K N T V T L T C L V K D F F P P E I D V E W Q S N G Q Q E P E S K Y R M T P P Q L D E D G S Y F L Y S K L S V D K S R W Q R G D T F I C A V M H E A L H N H Y T Q K S L S H S P G K
Variable region light chain	M D M R V P A Q L L G L L L L C L Q G A R C D I L L T Q S P V I L S V S P G E R V S F S C R A S Q S I G T N I H W Y Q Q R T N G S P R L L I K Y A S E S I S G I P S R F S G S G S G T D F T L S I N S V E S E D I A D Y Y C Q Q N N N W P T T F G A G T K L E L K R T V A A
Constant region kappa light chain	P A V Y L F Q P S P D Q L H T G S A S V V C L L N S F Y P K D I N V K W K V D G V I Q D T G I Q E S V T E Q D K D S T Y S L S S T L T M S S T E Y L S H E L Y S C E I T H K S L P S T L I K S F Q R S E C Q R V D