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(54) **Title**: ANTIBODIES THAT BIND INTEGRIN ALPHA-V BETA-8

Framework 1 CDR1 Framework 2 CDR2 Framework 3 CDR3 Framework 4

VH

37E1 (SEQ ID NO:4)
EVQLVESGGGLVQPGGSLNLSCAASGFVFSRYWMSWVRQAPGKGLEWIGEINPDSSTINYTSSLKDKFIISRDNAKNTLYLQMNKVRSEDTALYYCACLITTEDYWGQGTSVTVSS

37E1B5 (SEQ ID NO:6)
EVQLVESGGGLVQPGGSLNLSCAVSGFVFSRYWMSWVRQAPGKGLEWIGEINPDSSTINYTSSLKDKFIISRDNAKNTLYLQMNKVRSEDTALYYCACLITTEDYWGQGTSVTVSS

Hu37E1B5 (SEQ ID NO:8)
EVQLVESGGGLVQPGGSLRLSCAVSGFVFSRYWMSWVRQAPGKGLEWIGEINPDSSTINYTSSLKDRFTISRDNAKNSLYLQMNSLRAEDTAVYYCASLITTEDYWGQGTTVTVSS

Framework 1 CDR1 Framework 2 CDR2 Framework 3 CDR3 Framework 4

VL

37E1wt (SEQ ID NO:5)
QIVLTQSPSSMYASLGERVTIPCKASQDINSYLSWFQQKPGKSPKTLIYRANRLVDGVPSRFSGSGSGQDYSLTISSLEYEDMGIYYCLQYDEFPYTFGGGTKLEIKA

37E1B5 (SEQ ID NO:7)
QIVLTQSPSSMYASLGERVTIPCKASQDINSYLSWFQQKPGKSPKTLIYYANRLVDGVPSRFSGSGSGQDYSLTISSLEYEDMGIYYCLQYDEFPYTFGGGTKLEIKA

Hu37E1B5 (SEQ ID NO:9)
EIVLTQSPSSLSLSPGERVTITCKASQDINSYLSWYQQKPGKAPKLLIYYANRLVDGVPARFSGSGSGQDYTLTISSLEPEDFAVYYCLQYDEFPYTFGGGTKLEIKR

FIGURE 1

(57) **Abstract**: Provided herein are antibodies with high affinity for the β8 subunit of αvβ8.

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