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<110> Minomic International Ltd

<120> Monoclonal Anti-GPC-1 Antibodies and Uses Thereof

<130> P107105C

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<170> PatentIn version 3.5

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<212> DNA

<213> Mus musculus

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<213> Mus musculus

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<212> PRT

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<213> Mus musculus

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Pro Gly Glu Thr Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ala Phe
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Thr Asp Tyr Ser Met Asn Trp Val Lys Gln Ala Pro Gly Lys Gly Leu
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Arg Trp Met Gly Trp Ile Asn Thr Glu Thr Gly Glu Pro Thr Tyr Thr
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Asp Asp Phe Lys Gly Arg Phe Ala Phe Ser Leu Glu Thr Ser Ala Ser
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Thr Ala Phe Leu Gln Ile Asn Asn Leu Arg Asn Glu Asp Thr Ala Thr
          100          105          110
Tyr Phe Cys Ala Arg His Tyr Asp Tyr Gly Gly Phe Pro Tyr Trp Gly
          115          120          125
Gln Gly Thr Leu Val Thr Val Ser Ala Ala Lys Thr Thr Pro Pro Ser
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Val Tyr Pro Leu Ala Pro Gly Ser Ala Ala Gln Thr Asn Ser Met Val
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          165          170          175
Thr Trp Asn Ser Gly Ser Leu Ser Ser Gly Val His Thr Phe Pro Ala
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Val Leu Gln Ser Asp Leu Tyr Thr Leu Ser Ser Ser Val Thr Val Pro
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Val Thr Cys Val Val Val Asp Ile Ser Lys Asp Asp Pro Glu Val Gln
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Pro Arg Glu Glu Gln Phe Asn Ser Thr Phe Arg Ser Val Ser Glu Leu
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Val Asn Ser Ala Ala Phe Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys
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 <213> Mus musculus
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Gln Leu Leu Val Tyr Thr Ala Lys Thr Leu Ala Asp Gly Val Pro Ser
      65      70      75      80
Arg Phe Ser Gly Ser Gly Ser Gly Thr Gln Tyr Ser Leu Lys Ile Asn
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Ser Leu Gln Pro Glu Asp Phe Gly Thr Tyr Tyr Cys Gln His Phe Trp
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Ser Asn Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg
      115     120     125
Ala Asp Ala Ala Pro Thr Val Ser Ile Phe Pro Pro Ser Ser Glu Gln
      130     135     140
Leu Thr Ser Gly Gly Ala Ser Val Val Cys Phe Leu Asn Asn Phe Tyr
      145     150     155     160
Pro Lys Asp Ile Asn Val Lys Trp Lys Ile Asp Gly Ser Glu Arg Gln
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Asn Gly Val Leu Asn Ser Trp Thr Asp Gln Asp Ser Lys Asp Ser Thr
      180     185     190
Tyr Ser Met Ser Ser Thr Leu Thr Leu Thr Lys Asp Glu Tyr Glu Arg
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Gly	Val	Thr	Asp	Arg	Phe	Thr	Gly	Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr
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			100					105					110		
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<223> Chimeric Antibody Sequence

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Pro Gly Glu Thr Val Lys Ile Ser Cys Lys Ala Ser Gly Tyr Ala Phe
35 40 45
Thr Asp Tyr Ser Met Asn Trp Val Lys Gln Ala Pro Gly Lys Gly Leu
50 55 60
Arg Trp Met Gly Trp Ile Asn Thr Glu Thr Gly Glu Pro Thr Tyr Thr
65 70 75 80
Asp Asp Phe Lys Gly Arg Phe Ala Phe Ser Leu Glu Thr Ser Ala Ser
85 90 95
Thr Ala Phe Leu Gln Ile Asn Asn Leu Arg Asn Glu Asp Thr Ala Thr
100 105 110
Tyr Phe Cys Ala Arg His Tyr Asp Tyr Gly Gly Phe Pro Tyr Trp Gly
115 120 125
Gln Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser
130 135 140
Val Phe Pro Leu Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala
145 150 155 160
Ala Leu Gly Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val
165 170 175
Ser Trp Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala
180 185 190
Val Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val
195 200 205
Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His
210 215 220
Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys Ser Cys
225 230 235 240

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Ala	Ser	Val	Gly	Glu	Thr	Val	Thr	Ile	Thr	Cys	Arg	Ala	Ser	Gly	Asn
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Val	His	Asn	Tyr	Leu	Ala	Trp	Tyr	Gln	Gln	Lys	Gln	Gly	Lys	Ser	Pro
	50					55					60				
Gln	Leu	Leu	Val	Tyr	Thr	Ala	Lys	Thr	Leu	Ala	Asp	Gly	Val	Pro	Ser
65					70					75				80	
Arg	Phe	Ser	Gly	Ser	Gly	Ser	Gly	Thr	Gln	Tyr	Ser	Leu	Lys	Ile	Asn
				85					90					95	
Ser	Leu	Gln	Pro	Glu	Asp	Phe	Gly	Thr	Tyr	Tyr	Cys	Gln	His	Phe	Trp
			100					105					110		
Ser	Asn	Pro	Trp	Thr	Phe	Gly	Gly	Gly	Thr	Lys	Leu	Glu	Ile	Lys	Arg
		115					120					125			
Thr	Val	Ala	Ala	Pro	Ser	Val	Phe	Ile	Phe	Pro	Pro	Ser	Asp	Glu	Gln
	130					135					140				
Leu	Lys	Ser	Gly	Thr	Ala	Ser	Val	Val	Cys	Leu	Leu	Asn	Asn	Phe	Tyr
145					150					155					160
Pro	Arg	Glu	Ala	Lys	Val	Gln	Trp	Lys	Val	Asp	Asn	Ala	Leu	Gln	Ser
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