Fig 1


Fig 2


Fig 3


Fig 4


Fig 5


B


Fig 6

His-rLic10831 His-rLic12234 (control)


Fig 7


Fig 8


Fig S1


Pre-immune serum
$100=$
$50=$
$40=$
$25=$
10

Fig S2


## Fig S3



Fig S4


Detect remaining with anti-LIC10831 antibodies
Key: II $_{\text {II }}$ rhE-Cad IIr $_{\text {II }}$ rhVE-Cad
都 rLIC10831 il hlgG Fc

