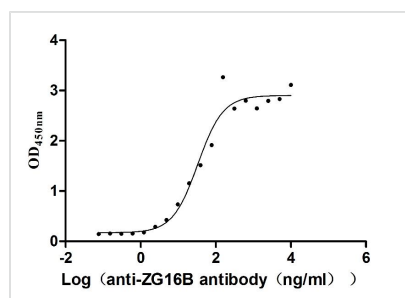




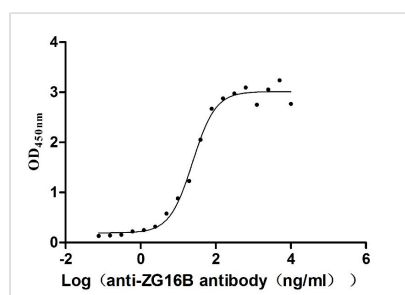
# ZG16B Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA836195MA1HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q96DA0
<b>Immunogen</b>	Recombinant Human ZG16B protein
<b>Species Reactivity</b>	Human, Macaca fascicularis
<b>Tested Applications</b>	ELISA
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	hIgG1
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Recombinant Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Immunology
<b>Gene Names</b>	ZG16B
<b>Clone No.</b>	6E5

## Image



The Binding Activity of Human ZG16B with Anti-ZG16B recombinant antibody  
Activity: Measured by its binding ability in a functional ELISA. Immobilized Human ZG16B (CSB-MP836195HU) at 2 µg/mL can bind Anti-ZG16B recombinant antibody, the EC<sub>50</sub> is 24.13-46.04 ng/mL.



The Binding Activity of Macaca fascicularis ZG16B with Anti-ZG16B recombinant antibody  
Activity: Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis ZG16B (CSB-MP4727MOV) at 2 µg/mL can bind Anti-ZG16B recombinant antibody, the EC<sub>50</sub> is 20.15-28.98 ng/mL.

## Description

CUSABIO meticulously created the ZG16B recombinant monoclonal antibody



through a carefully executed process. Initially, B cells were removed from the spleen of an immunized animal, with the recombinant human ZG16B protein serving as the immunogen. Following that, RNA extraction from the B cells and reverse transcription of RNA was performed to obtain cDNA. Using the cDNA as a template, the gene encoding the ZG16B antibody was amplified with a degenerate primer and inserted into a vector, which was then introduced into host cells via transfection to facilitate efficient antibody expression. The ZG16B recombinant monoclonal antibodies were harvested from the cell culture supernatant and purified using affinity chromatography. This antibody is recommended for the detection of human ZG16B protein in ELISA.