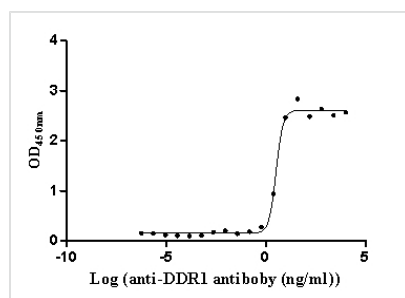




# DDR1 Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA006595MA1HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	Q08345
<b>Immunogen</b>	Recombinant Human DDR1 protein
<b>Species Reactivity</b>	Human
<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>	DDR1
<b>Clone No.</b>	7F6

## Image



The Binding Activity of Human DDR1 with Anti-DDR1 Recombinant Antibody  
Activity: Measured by its binding ability in a functional ELISA. Immobilized Human DDR1(CSB-MP006595HU) at 2 µg/mL can bind Anti-DDR1 recombinant antibody, the EC<sub>50</sub> is 2.824-3.810 ng/mL.

## Description

CUSABIO employed a meticulous procedure to produce the DDR1 recombinant monoclonal antibody. Initially, B cells were isolated from the immunized animal's spleen, utilizing recombinant human DDR1 protein as the immunogen. Subsequently, RNA was extracted from the B cells and converted into cDNA through reverse transcription. Using the cDNA as a template, the gene encoding the DDR1 antibody was extended using a degenerate primer through PCR and inserted into a vector. The recombinant vector was then introduced into host cells through transfection, enabling efficient antibody expression. The DDR1 recombinant monoclonal antibodies were harvested from the cell culture supernatant and subjected to purification via affinity chromatography. Rigorous



validation, including ELISA testing, was conducted to confirm this antibody's specific reactivity with human DDR1 protein, ensuring its reliability and suitability for a range of applications.