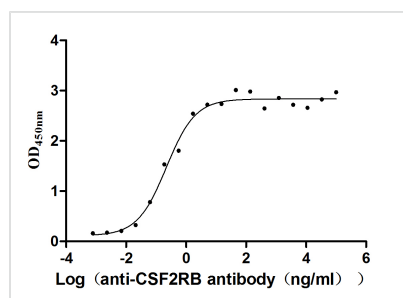




CSF2RB Recombinant Monoclonal Antibody

Product Code	CSB-RA006047A0HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P32927
Immunogen	Recombinant Human CSF2RB protein
Species Reactivity	Human
Tested Applications	ELISA
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	Affinity-chromatography
Isotype	hIgG1
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Immunology
Gene Names	CSF2RB
Clone No.	7B6

Image



The Binding Activity of CSF2RB with anti-CSF2RB antibody
Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CSF2RB(CSB-MP006047HU) at 2 µg/mL can bind Anti-CSF2RB recombinant antibody, the EC₅₀ is 0.1594-0.3046 ng/mL.

Description

The creation of the CSF2RB recombinant monoclonal antibody involves a meticulous and controlled process to ensure its exceptional quality and specificity. It begins by isolating B cells from an immunized animal using the recombinant human CSF2RB protein as the immunogen. Total RNA is extracted from these B cells and converted into cDNA through reverse transcription. The CSF2RB antibody genes are then amplified using specific primers targeting the antibody constant regions and inserted into an expression vector. Through transfection, the vector is introduced into host cells, enabling the production of the CSF2RB recombinant monoclonal antibody. After a period of cell culture, the antibody is collected from the supernatant and purified using affinity



chromatography, resulting in a highly purified form suitable for various applications. To ensure its reliability and functionality, CUSABIO conducts ELISA to validate its specificity and effectiveness in detecting human CSF2RB protein.