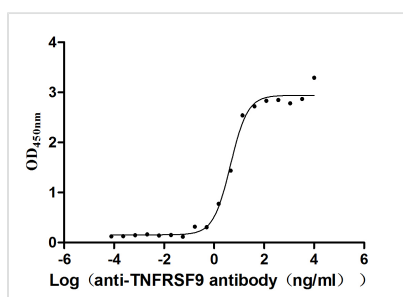




TNFRSF9/4-1BB Recombinant Monoclonal Antibody

Product Code	CSB-RA023984A1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q07011
Immunogen	Recombinant Human TNFRSF9 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	hIgG2
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Immunology
Target Names	TNFRSF9/4-1BB
Clone No.	1H7

Image



The Binding Activity of TNFRSF9 with anti-TNFRSF9 antibody
 Activity: Measured by its binding ability in a functional ELISA. Immobilized TNFRSF9?CSB-MP023984HU1? at 2 µg/mL can bind Anti-TNFRSF9 antibody, the EC₅₀ is 3.501-5.854 ng/mL.

Description

The generation of the TNFRSF9/4-1BB recombinant monoclonal antibody involves a meticulous and controlled process to ensure its exceptional quality and specificity. It begins by isolating B cells from the spleen of an immunized animal, where the recombinant human TNFRSF9 protein is used as the immunogen. The extracted RNA from the B cells is converted into cDNA through reverse transcription. The TNFRSF9 antibody genes are then amplified using specific primers designed for the antibody constant regions and inserted into an expression vector. This vector is subsequently transfected into host cells,



allowing for the production of the TNFRSF9/4-1BB recombinant monoclonal antibody. After a period of cell culture, the antibody is harvested from the supernatant and purified using affinity chromatography, resulting in a highly purified form suitable for various applications. ELISA is conducted to validate the antibody's specificity and functionality in detecting human TNFRSF9 protein. This stringent production process ensures the generation of a reliable and effective TNFRSF9 recombinant monoclonal antibody, essential for diverse TNFRSF9-related research and diagnostic applications.

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.