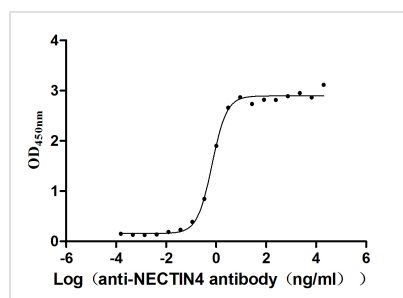




NECTIN4 Recombinant Monoclonal Antibody

Product Code	CSB-RA822274A0HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q96NY8
Immunogen	Recombinant Human NECTIN4 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	NECTIN4
Clone No.	6D3

Image



The Binding Activity of NECTIN4 with Anti-NECTIN4 recombinant antibody
Activity: Measured by its binding ability in a functional ELISA. Immobilized Human NECTIN4(CSB-MP822274HU) at 2 µg/mL can bind Anti-NECTIN4 recombinant antibody, the EC₅₀ is 0.6029-0.7837 ng/mL.

Description

The synthesis of the NECTIN4 recombinant monoclonal antibody involves a rigorous and precise process to ensure its exceptional quality and specificity. It begins with the isolation of B cells from an immunized animal, using the recombinant human NECTIN4 protein as the immunogen. Total RNA is extracted from these B cells and converted into cDNA through reverse transcription. The NECTIN4 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, allowing for the production of the NECTIN4 recombinant monoclonal antibody. After a period of cell culture, the antibody is harvested from the supernatant and subjected to



purification using affinity chromatography, resulting in a highly purified form suitable for a wide range of applications. To ensure its reliability and functionality, the antibody undergoes ELISA to validate its specificity in detecting human NECTIN4 protein.