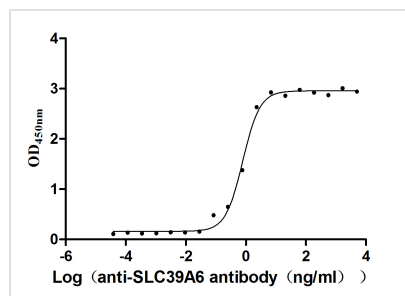




SLC39A6 Recombinant Monoclonal Antibody

Product Code	CSB-RA621669MA1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q13433
Immunogen	Recombinant Human SLC39A6 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	SLC39A6
Clone No.	13F1

Image



The Binding Activity of SLC39A6 with anti-SLC39A6 antibody
Activity: Measured by its binding ability in a functional ELISA. Immobilized Human SLC39A6(CSB-BP621669HU) at 1 µg/ml can bind Anti-SLC39A6-1 recombinant antibody, the EC₅₀ is 0.6873-0.9010 ng/mL.

Description

The SLC39A6 monoclonal antibody was generated using recombinant human SLC39A6 protein as the immunogen. The SLC39A6 monoclonal antibody's DNA sequence was obtained through cDNA sequencing and cloned into a plasmid vector, which was then transfected into a host cell for expression. The resulting SLC39A6 recombinant monoclonal antibody was purified using affinity chromatography and its specificity was confirmed through ELISA. It only shows reactivity with human SLC39A6 protein. It demonstrated high affinity binding to the recombinant human SLC39A6 protein (CSB-BP621669HU) with an EC₅₀ range of 0.6873-0.9010 ng/mL.



The SLC39A6 protein, also known as ZIP6, plays a crucial role in the cellular uptake and distribution of zinc, which is essential for various cellular processes such as DNA synthesis, immune function, and cell division. SLC39A6 is expressed in a variety of tissues, including the liver, kidney, and brain, and has been implicated in the development and progression of several diseases, including cancer and neurodegenerative disorders.