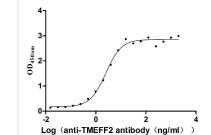






TMEFF2 Recombinant Monoclonal Antibody

Storage Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Uniprot No. Q9UIK5 Immunogen Recombinant Human TMEFF2 protein Species Reactivity Human Tested Applications ELISA Form Liquid Conjugate Non-conjugated Storage Buffer Preservative: 0.03% Proclin 300		
Uniprot No. Q9UIK5 Immunogen Recombinant Human TMEFF2 protein Species Reactivity Human Tested Applications ELISA Form Liquid Conjugate Non-conjugated Storage Buffer Preservative: 0.03% Proclin 300	Product Code	CSB-RA883439MA1HU
Immunogen Recombinant Human TMEFF2 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 hlgG4(S228P) Clonality Monoclonal Product Type Recombinant Antibody Immunogen Species Homo sapiens (Human) Research Area Immunology Gene Names TMEFF2 Clone No. 6G6 Image	Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Species Reactivity Human Tested Applications ELISA Form Liquid Conjugate Non-conjugated Storage Buffer Preservative: 0.03% Proclin 300	Uniprot No.	Q9UIK5
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 hlgG4(S228P) Clonality Monoclonal Product Type Recombinant Antibody Immunogen Species Homo sapiens (Human) Research Area Immunology Gene Names TMEFF2 Clone No. 6G6 Image	Immunogen	Recombinant Human TMEFF2 protein
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 hIgG4(S228P) Clonality Monoclonal Product Type Recombinant Antibody Immunogen Species Homo sapiens (Human) Research Area Immunology Gene Names TMEFF2 Clone No. 6G6 Image	Species Reactivity	Human
ConjugateNon-conjugatedStorage BufferPreservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4Purification MethodAffinity-chromatographyIsotypehIgG4(S228P)ClonalityMonoclonalProduct TypeRecombinant AntibodyImmunogen SpeciesHomo sapiens (Human)Research AreaImmunologyGene NamesTMEFF2Clone No.6G6ImageImage	Tested Applications	ELISA
Storage Buffer Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 Purification Method Affinity-chromatography Isotype hIgG4(S228P) Clonality Monoclonal Product Type Recombinant Antibody Immunogen Species Homo sapiens (Human) Research Area Immunology Gene Names TMEFF2 Clone No. 6G6 Image	Form	Liquid
Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 Purification Method Affinity-chromatography Isotype hlgG4(S228P) Clonality Monoclonal Product Type Recombinant Antibody Immunogen Species Homo sapiens (Human) Research Area Immunology Gene Names TMEFF2 Clone No. 6G6 Image	Conjugate	Non-conjugated
Isotype hlgG4(S228P) Clonality Monoclonal Product Type Recombinant Antibody Immunogen Species Homo sapiens (Human) Research Area Immunology Gene Names TMEFF2 Clone No. 6G6	Storage Buffer	
Clonality Monoclonal Product Type Recombinant Antibody Immunogen Species Homo sapiens (Human) Research Area Immunology Gene Names TMEFF2 Clone No. 6G6 Image	Purification Method	Affinity-chromatography
Product Type Recombinant Antibody Immunogen Species Homo sapiens (Human) Research Area Immunology Gene Names TMEFF2 Clone No. 6G6 Image	Isotype	hlgG4(S228P)
Immunogen Species Homo sapiens (Human) Research Area Immunology Gene Names TMEFF2 Clone No. 6G6 Image Image	Clonality	Monoclonal
Research Area Immunology Gene Names TMEFF2 Clone No. 6G6 Image	Product Type	Recombinant Antibody
Gene Names TMEFF2 Clone No. 6G6 Image	Immunogen Species	Homo sapiens (Human)
Clone No. 6G6	Research Area	Immunology
Image	Gene Names	TMEFF2
Image The Binding Authors of TMEEE 2011 Authors of the Committee of the Co	Clone No.	6G6
	Image	The Direction Authors of TAREFORD IN A C



The Binding Activity of TMEFF2 with Anti-TMEFF2 monoclonal antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human TMEFF2 (CSB-MP883439HU) at 2 µg/mL can bind Anti-TMEFF2 recombinant antibody, the EC₅₀ is 2.129-2.956 ng/mL.

Description

The production of the TMEFF2 monoclonal antibody involved using the recombinant human TMEFF2 protein as the immunogen. The cDNA of the TMEFF2 monoclonal antibody was sequenced and obtained the TMEFF2 monoclonal antibody gene, which was then cloned into a plasmid vector. The plasmid vector carrying the TMEFF2 monoclonal antibody gene was transfected into the host cell using a suitable transfection method. The resulting TMEFF2 recombinant monoclonal antibody was then subjected to affinitychromatography purification. Its specificity was confirmed through ELISA, where it showed binding to the recombinant human TMEFF2 (CSB-MP883439HU) with an EC₅₀ range of 2.129-2.956 ng/mL. It can react with TMEFF2 protein.





CUSABIO TECHNOLOGY LLC



TMEFF2 is expressed in several tissues, including the brain, lung, prostate, and breast. TMEFF2 mainly functions as a tumor suppressor, as it has been shown to inhibit cell proliferation and induce apoptosis in certain types of cancer cells, including prostate and breast cancer. TMEFF2 has also been suggested to have a role in neuronal differentiation and migration during brain development, and may be involved in the regulation of synaptic transmission.