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Anti-TMEFF1 / Tomoregulin-1 Reference Antibody (Bluefin patent anti-TMEFF1)

Recombinant Antibody
Catalog # APR11049

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q8IYR6
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	40934

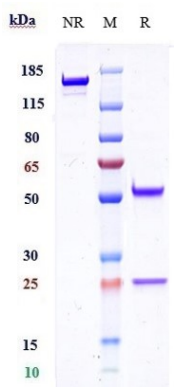
Additional Information

Target/Specificity	TMEFF1 / Tomoregulin-1
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

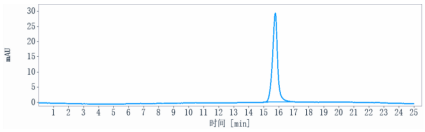
Protein Information

Name	TEFF1
Function	Neuron-specific restriction factor that prevents herpes simplex virus 1 (HHV-1) infection in the brain by blocking viral entry (PubMed:39048823, PubMed:39048830). Also able to restrict herpes simplex virus 2 (HHV-2) infection, although to a lesser extent (PubMed:39048823). Acts by preventing the association between the viral glycoprotein D (gD) and its cell surface receptor NECTIN1, thereby inhibiting fusion of the virus and the cell membrane (PubMed:39048823, PubMed:39048830). Also able to prevent the association between the viral glycoprotein B (gB) and MYH9/NMMHC-IIA and MYH10/NMMHC-IIB receptors (PubMed:39048823). May be a tumor suppressor in brain cancers (PubMed:12743596).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed predominantly in brain, and at lower levels in heart, placenta and skeletal muscle (PubMed:12743596). Down- regulated in brain tumors as compared to control brain tissues (PubMed:12743596).

Images



Anti-TMEFF1 / Tomoregulin-1 Reference Antibody (Bluefin patent anti-TMEFF1) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-TMEFF1 / Tomoregulin-1 Reference Antibody (Bluefin patent anti-TMEFF1) is more than 95%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.