

Recombinant Tomoregulin-1 Antibody

Rabbit Monoclonal Antibody [Clone TMEFF1/13464R]

Catalog No	Format	Size
8577-RBM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
8577-RBM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
8577-RBM1-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

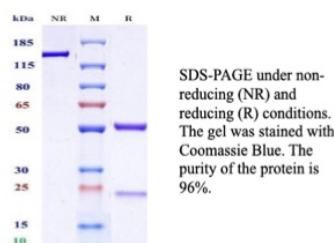
Product Details

Clone	TMEFF1/13464R
Immunogen	Recombinant human TMEFF1 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	40.93kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Expressed predominantly in brain, and at lower levels in heart, placenta and skeletal muscle (PubMed:12743596)

*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Tomoregulin-1 Antibody

Purity: SDS-PAGE



SDS-PAGE Analysis of Purified Recombinant Tomoregulin-1 Rabbit Monoclonal Antibody (TMEFF1/13464R). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

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).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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