



20150217ML

Anti-Human TMEFF1 (#7S12)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M650
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with extracellular domain of Human Transmembrane protein with EGF-like and two Follistatin-like domains (TMEFF1), also called Tomoregulin-1.

Target Background

Synonyms (Target):	TMEFF1; TR-1; H7365; C9orf2; CT120.1
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Transmembrane Protein with EGF-like and two Follistatin-like domains 1 (TMEFF1) also known as tomoregulin-1 is a type I transmembrane glycoprotein. TMEFF1 contains two follistatin modules and an EGF domain in its extracellular domain, a transmembrane domain and a short cytoplasmic tail. The extracellular domain of TMEFF1 can be released as a soluble protein. TMEFF1 is predominantly expressed in brain, but is downregulated in brain neoplasms. TMEFF1 selectively regulates nodal but not activin signaling through direct binding to the nodal co-receptor, Cripto.

Database References Target

Protein RefSeq:	NP_003683.2
Uniprot ID:	Q8IYR6
mRNA RefSeq:	NM_003692.4

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#7S12)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	EC domain of human TMEFF1 (also called Tomoregulin-1)
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human TMEFF1.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: Use at 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!