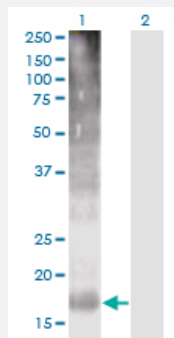


TM4SF4 monoclonal antibody (M03), clone 4E6

Catalog # H00007104-M03

Size 100 ug

Applications

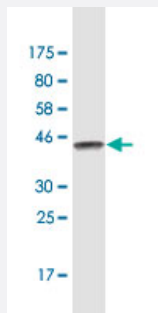


Western Blot (Transfected lysate)

Western Blot analysis of TM4SF4 expression in transfected 293T cell line by TM4SF4 monoclonal antibody (M03), clone 4E6.

Lane 1: TM4SF4 transfected lysate (Predicted MW: 21.4 kDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (47.8 kDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant TM4SF4.
Immunogen	TM4SF4 (NP_004608.1, 1 a.a. ~ 202 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.
Sequence	MCTGGCARCLGGTLIPLAFFGFLANILLFFPGGKVIDDNDHLSQEIWFFGGILGSGVLMIFPALVFLG LKNNDCCGCCGNEGCGKRFAMFTSTIFAVVGFLGAGYSFIISAISINKGPKCLMANSTWGYPFHDG DYLNDEALWNKCREPLNVVPWNLTLFSILLVVGGIQMVLC AIQVVNGLLGTL CGDCQCCGCCGG DGPV
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (88); Rat (88)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.8 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of TM4SF4 expression in transfected 293T cell line by TM4SF4 monoclonal antibody (M03), clone 4E6.

Lane 1: TM4SF4 transfected lysate (Predicted MW: 21.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TM4SF4

Entrez GeneID	7104
GeneBank Accession#	NM_004617.2
Protein Accession#	NP_004608.1
Gene Name	TM4SF4
Gene Alias	FLJ31015, ILTMP, il-TMP
Gene Description	transmembrane 4 L six family member 4
Omim ID	606567
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that can regulate cell proliferation. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq]

Other Designations

intestinal and liver (il) tetraspan membrane protein|transmembrane 4 superfamily member 4