



# TM4SF1 Polyclonal Antibody

Catalog No	BYab-13968
Isotype	IgG
Reactivity	Human;Mouse
Applications	IHC;IF;ELISA
Gene Name	TM4SF1
Protein Name	Transmembrane 4 L6 family member 1
Immunogen	The antiserum was produced against synthesized peptide derived from human T4S1. AA range:1-50
Specificity	TM4SF1 Polyclonal Antibody detects endogenous levels of TM4SF1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TM4SF1; M3S1; TAAL6; Transmembrane 4 L6 family member 1; Membrane component chromosome 3 surface marker 1; Tumor-associated antigen L6
Observed Band	
Cell Pathway	Membrane; Multi-pass membrane protein. Colocalizes with SDCBP2 in the apical region of the cell (PubMed:11102519).
Tissue Specificity	Highly expressed in lung, breast, colon and ovarian carcinomas. It is also present on some normal cells, endothelial cells in particular.
Function	similarity:Belongs to the L6 tetraspanin family.,subunit:Present in high molecular weight complexes in tumor cells.,tissue specificity:Highly expressed on lung, breast, colon, and ovarian carcinomas. It is also present on some normal cells, endothelial cells in particular.,
Background	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

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protein is a cell surface antigen and is highly expressed in different carcinomas.  
[provided by RefSeq, Jul 2008],

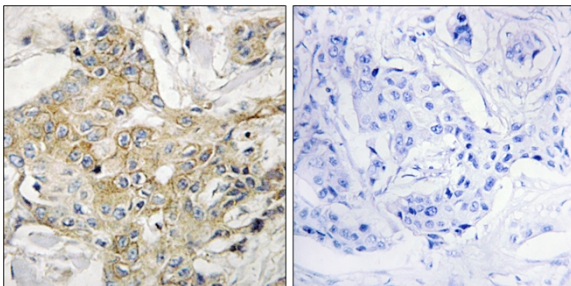
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using T4S1 Antibody. The picture on the right is blocked with the synthesized peptide.