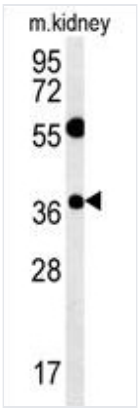
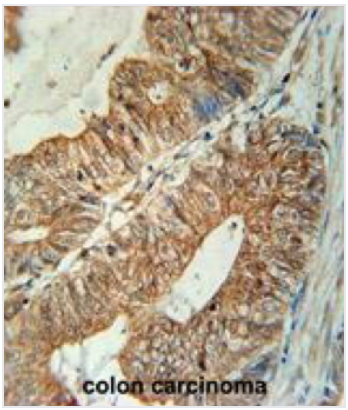
TSPAN3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

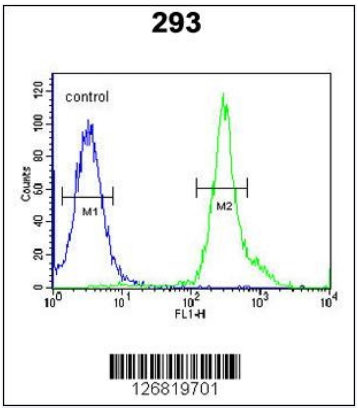
Product Name	TSPAN3, Polyclonal Antibody
Full Product Name	TSPAN3, ID (TSPAN3, TM4SF8, Tetraspanin-3, Tetraspanin TM4-A, Transmembrane 4 superfamily member 8) (Azide free) (HRP)
Product Gene Name	anti-TSPAN3 antibody
Product Synonym Names	TSPAN3; TM4SF8; Tetraspanin-3; Tetraspanin TM4-A; Transmembrane 4 superfamily member 8
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A and Peptide Affinity Chromatography.
Specificity	Recognizes human TSPAN3. Species Crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	21,184 Da
OMIM	613134
3D Structure	ModBase 3D Structure for O60637
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 90-117 in the central region of human TSPAN3. Species sequence homology: bovine
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-TSPAN3 antibody	Antibodies; Tetraspanin
Applications Tested/Suitable for anti-TSPAN3 antibody	Immunohistochemistry (IHC) Paraffin, ELISA (EIA), Western Blot (WB)
Application Notes for anti-TSPAN3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TSPAN3 antibody	MBS6359599 is an antibody targeting TSPAN3. Also known as TSPAN3, ID (TSPAN3, TM4SF8, Tetraspanin-3, Tetraspanin TM4-A, Transmembrane 4 superfamily member 8) (Azide free) (HRP). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-TSPAN3 antibody	1. Berditchevski, F. J. Cell. Sci. 114 (PT 23), 4143-4151 (2001). 2. Todd, S.C., et al. Biochim. Biophys. Acta 1399(1):101-104(1998). 3. Wu, Y.J., et al. J. Biol. Chem. 266(26):17566-17572(1991).
Other Notes	Small volumes of anti-TSPAN3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-TSPAN3 antibody
Western Blot analysis in mouse kidney tissue lysates (15ug/lane) usingMBS6004047. This demonstrates that MBS6004047 detected TSPAN3 protein (arrow).



Immunohistochemistry (IHC) of anti-TSPAN3 antibody
Immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma using MBS6004047 followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MBS6004047 for immunohistochemistry.



Testing Data of anti-TSPAN3 antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TSPAN3. It may not necessarily be applicable to this product.

NCBI GI #	5032201
NCBI GeneID	10099
NCBI Accession #	NP_005715.1
UniProt Primary Accession #	O60637
UniProt Secondary Accession #	Q9BW22; Q9NVX9; A6NEH4; B3KQQ2; B4DP19
UniProt Related Accession #	O60637
GenBank Nucleotide #	NM_005724.5
NCBI Official Full Name	tetraspanin-3 isoform 1
NCBI Official Synonym Full Names	tetraspanin 3
NCBI Official Symbol	TSPAN3
NCBI Official Synonym Symbols	TM4-A; TM4SF8; TSPAN-3
UniProt Protein Name	Tetraspanin-3
UniProt Synonym Protein Names	Tetraspanin TM4-A; Transmembrane 4 superfamily member 8
UniProt Gene Name	TSPAN3

UniProt Synonym Gene Names	TM4SF8; Tspan-3
UniProt Entry Name	TSN3_HUMAN
NCBI Protein Information	tetraspanin-3
NCBI Summary for TSPAN3	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. The use of alternate polyadenylation sites has been found for this gene. Multiple alternative transcripts encoding different isoforms have been described. [provided by RefSeq, Dec 2009]
Research Articles on TSPAN3	**1.** Tspan3 is an important regulator of aggressive leukemias.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/tspan3/6359599