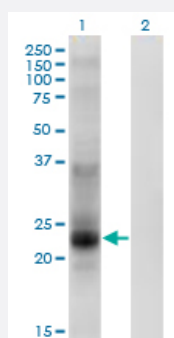


TSPAN8 monoclonal antibody (M02), clone 1E5

Catalog # H00007103-M02

Size 100 ug

Applications

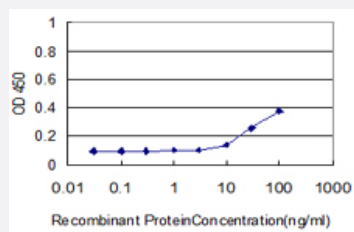


Western Blot (Transfected lysate)

Western Blot analysis of TSPAN8 expression in transfected 293T cell line by TSPAN8 monoclonal antibody (M02), clone 1E5.

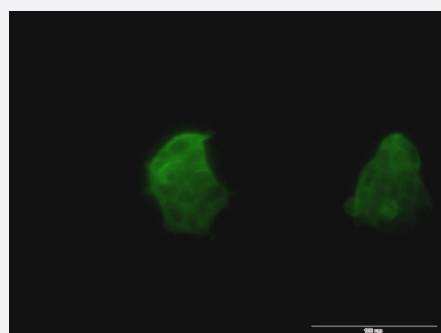
Lane 1: TSPAN8 transfected lysate (Predicted MW: 26.1 kDa).

Lane 2: Non-transfected lysate.



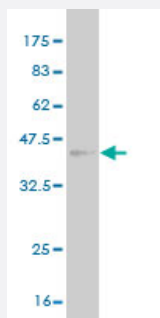
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TSPAN8 is approximately 10ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to TSPAN8 on 293T cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.3 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TSPAN8.
Immunogen	TSPAN8 (NP_004607, 110 a.a. ~ 205 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KSKSDRVNETLYENTKLLSATGESEKQFQEAIIVFQEEFKCCGLVNGAADWGNNFQHYPELCAC LDKQRPCQSYNGKQVYKETCISFIKDFLAKN
Host	Mouse
Reactivity	Human
Isotype	IgG3 Lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.3 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 TSPAN8 expression in transfected 293T cell line by TSPAN8 monoclonal antibody (M02), clone 1E5.

Lane 1: TSPAN8 transfected lysate (Predicted MW: 26.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TSPAN8 is approximately 10ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to TSPAN8 on 293T cell . [antibody concentration 10 ug/ml]

Gene Info — TSPAN8

Entrez GeneID [7103](#)

GeneBank Accession# [NM_004616](#)

Protein Accession# [NP_004607](#)

Gene Name TSPAN8

Gene Alias CO-029, TM4SF3

Gene Description tetraspanin 8

Omim ID [600769](#)

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 is known to complex with integrins. This gene is expressed in different carcinomas. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq]

Other Designations transmembrane 4 superfamily member 3|tumor-associated antigen CO-029

Publication Reference

- [TM4SF3 promotes esophageal carcinoma metastasis via upregulating ADAM12m expression.](#)

Zhou Z, Ran YL, Hu H, Pan J, Li ZF, Chen LZ, Sun LC, Peng L, Zhao XL, Yu L, Sun LX, Yang ZH.

Clinical & Experimental Metastasis 2008 Mar; 25(5):537.

Application: WB, Human, Human esophageal carcinoma, esophageal carcinoma cell line EC9706 cells

Disease

- [Arthritis](#)
- [Bipolar Disorder](#)
- [Birth Weight](#)
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- [Cardiovascular Diseases](#)
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- [Genetic Predisposition to Disease](#)
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