

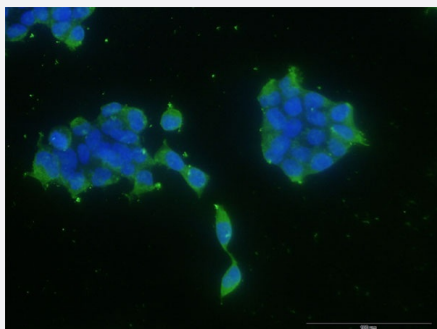
CX Grade

## TSPAN8 monoclonal antibody (M02J), clone 1E5

Catalog # H00007103-M02J

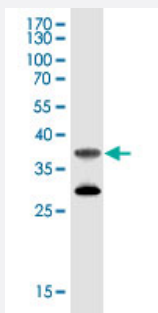
Size 100 ug

### Applications



#### Immunofluorescence

Immunofluorescence of monoclonal antibody to TSPAN8 on 293 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. This product is belong to Cell Culture Grade Antibody (CX Grade).

#### 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

KSKSDRMNETLYENTKLLSATGESEKQFQEAIIVFQEEFKCCGLVNGAADWGNNFQHYPELCAC  
LDKQRPCQSYNGKQVYKETCISFIKDFLAKN

#### Host

Mouse

#### Reactivity

Human

|                         |                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------|
| Preparation Method      | Cell Culture Production                                                                                 |
| Isotype                 | IgG3 Lambda                                                                                             |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein.<br>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 (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

## Gene Info — TSPAN8

|                     |                           |
|---------------------|---------------------------|
| Entrez GeneID       | <a href="#">7103</a>      |
| GeneBank Accession# | <a href="#">NM_004616</a> |
| Protein Accession#  | <a href="#">NP_004607</a> |
| Gene Name           | TSPAN8                    |
| Gene Alias          | CO-029, TM4SF3            |
| Gene Description    | tetraspanin 8             |
| Omim ID             | <a href="#">600769</a>    |
| Gene Ontology       | <a href="#">Hyperlink</a> |

**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

**Disease**

- [Arthritis](#)
- [Bipolar Disorder](#)
- [Birth Weight](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Crohn Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
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- [Hyperglycemia](#)
- [Insulin Resistance](#)
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- [Schizophrenia](#)
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