

For Research Use Only

# TSPAN3 Monoclonal antibody

Catalog Number: 60049-1-Ig

Featured Product

1 Publications



## Basic Information

**Catalog Number:**

60049-1-Ig

**GenBank Accession Number:**

BC000704

**Purification Method:**

Caprylic Acid/Ammonium Sulfate  
Precipitation

**Size:**

150ul , Concentration: 1000 µg/ml by  
Bradford method using BSA as the  
standard;

**GeneID (NCBI):**

10099

**CloneNo.:**

1G9E1

**Source:**

Mouse

**UNIPROT ID:**

O60637

**Full Name:**

tetraspanin 3

**Isotype:**

IgG2b

**Calculated MW:**

252 aa, 28 kDa

**Immunogen Catalog Number:**

AG0391

**Observed MW:**

28 kDa

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

WB, IP, IF

**Species Specificity:**

human, mouse

**Cited Species:**

human

## Background Information

Tetraspanin-3 (TSPAN3, also known as TM4SF8) is a member of the tetraspanin (TM4SF) family. Tetraspanins, so named because they contain four transmembrane domains, are frequently expressed at the cell surface in association with each other and with other molecules, and they function to regulate cell adhesion, migration, proliferation, and differentiation. TSPAN3 regulates the proliferation and migration of oligodendrocytes, a process essential for normal myelination and repair.

## Notable Publications

Author	Pubmed ID	Journal	Application
Nina K Thiede-Stan	26290381	J Cell Sci	WB, IF, IP

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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## Selected Validation Data