

For Research Use Only

TSPAN3 Monoclonal ANTIBODY



Catalog Number: 60049-1-Ig

Featured Product

1 Publications

Basic Information

Catalog Number:

60049-1-Ig

Size:

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

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG0391

GenBank Accession Number:

BC000704

GeneID (NCBI):

10099

Full Name:

tetraspanin 3

Calculated MW:

252 aa, 28 kDa

Observed MW:

28 kDa

Purification Method:

Caprylic Acid/Ammonium Sulfate Precipitation

CloneNo.:

1G9E1

Applications

Tested Applications:

ELISA

Cited Applications:

IF, IP, WB

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 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data