

For Research Use Only

TSPAN3 Monoclonal antibody

Catalog Number: 60049-1-Ig

Featured Product

1 Publications



Basic Information

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|---|--|--|
| 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 | 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:
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 0.02% 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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Selected Validation Data