

Product datasheet for **TA389031**

SF3B4 Mouse Monoclonal Antibody [Clone ID: 3A1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3A1
Applications:	ICC, IHC, WB
Recommended Dilution:	WB: 1:2000 ICC: 1:1000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant full length human SAP49 expressed in and purified from E. Coli.
Specificity:	Specific for endogenous levels of the ~49 kDa SAP49 protein.
Formulation:	PBS + 50% glycerol and 5 mm Na ₃
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Stability:	After date of receipt, stable for at least 1 year at -20°C.
Predicted Protein Size:	49
Gene Name:	splicing factor 3b subunit 4
Database Link:	Entrez Gene 10262 Human Q15427



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- Background:** The spliceosome associated protein of ~49 kDa (SAP49), also known as SF3B4, is a widely expressed nuclear splicing factor that has been shown to have RNA binding activity as well as direct interaction with SAP145 (Champion-Arnaud and Reed 1994). The SAP145-SAP49 complex has recently been implicated in cell cycle progression as Vpr (viral protein 1 of HIV-1) has been shown to bind SAP145 thus interfering with the proper formation and functioning of the SAP145-SAP49 complex (Terada and Yasuda 2006).
- Synonyms:** MGC10828; SAP49; SF3b49; SF3b50
- Note:** Protein G purified culture supernatant.