

Product datasheet for **AM32472AF-N**

TRK fused gene (TFG) Mouse Monoclonal Antibody [Clone ID: TFG-03]

Product data:

Product Type:	Primary Antibodies
Clone Name:	TFG-03
Applications:	IF, IHC, IP, WB
Recommended Dilution:	Immunoprecipitation. Western Blotting. Immunocytochemistry. Immunohistochemistry on Paraffin Sections: 5 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein Trx-his-NTFG.
Specificity:	This Monoclonal antibody <i>TFG-03</i> recognizes TFG, an approximately 50 kDa protein with regulatory functions.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG fraction (> 95% by SDS-PAGE) Preservative: 15 mM Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	TRK-fused gene
Database Link:	Entrez Gene 10342 Human Q92734



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Background: TFG (TRK-fused gene protein) is a regulatory protein with not fully understood function. Its defects are associated with various carcinomas, such as e.g. melanoma, thyroid papillary carcinoma, or glioma. TFG structure (multiple protein interaction motifs) indicated it can be an adaptor protein. It has been demonstrated TFG interacts with proteins modulating the NFkappaB pathway (TANK and NEMO). TNG enhances the effect of TNFalpha, TANK, TRAF2 and TRAF6 in inducing NFkappaB activity.

Synonyms: TRK-fused gene protein