

**TFG Antibody (clone TFG-03)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS16264****Specification**

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**TFG Antibody (clone TFG-03) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">Q92734</a> |
| Reactivity        | Human                  |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 43kDa KDa              |

**TFG Antibody (clone TFG-03) - Additional Information****Gene ID** 10342**Other Names**

Protein TFG, TRK-fused gene protein, TFG

**Target/Specificity**

Monoclonal antibody TFG-03 recognizes TFG, an approximately 50 kD protein with regulatory functions.

**Reconstitution & Storage**

Store at 2-8°C. Do not freeze.

**Precautions**

TFG Antibody (clone TFG-03) is for research use only and not for use in diagnostic or therapeutic procedures.

**TFG Antibody (clone TFG-03) - Protein Information****Name** TFG**Function**

Plays a role in the normal dynamic function of the endoplasmic reticulum (ER) and its associated microtubules (PubMed:<[a href="http://www.uniprot.org/citations/23479643"](http://www.uniprot.org/citations/23479643)target="\_blank">23479643</a>, PubMed:<[a href="http://www.uniprot.org/citations/27813252"](http://www.uniprot.org/citations/27813252)target="\_blank">27813252</a>). Required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus (PubMed:<[a href="http://www.uniprot.org/citations/21478858"](http://www.uniprot.org/citations/21478858)target="\_blank">21478858</a>).

**Cellular Location**

Endoplasmic reticulum. Note=Localizes to endoplasmic reticulum exit site (ERES), also known as transitional endoplasmic reticulum (tER) (PubMed:27813252, PubMed:21478858).

**Tissue Location**

Ubiquitous.

**Volume**

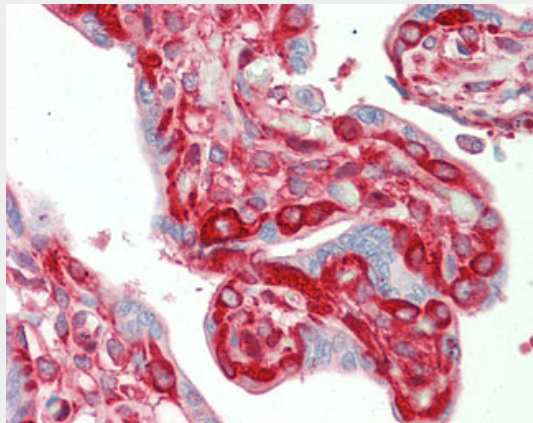
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### **TFG Antibody (clone TFG-03) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **TFG Antibody (clone TFG-03) - Images**



Anti-TFG antibody IHC staining of human placenta.

### **TFG Antibody (clone TFG-03) - Background**

Plays a role in the normal dynamic function of the endoplasmic reticulum (ER) and its associated microtubules.

### **TFG Antibody (clone TFG-03) - References**

Mencinger M., et al. Genomics 41:327-331(1997).  
Ishiura H., et al. Am. J. Hum. Genet. 91:320-329(2012).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.