

**TGOLN2 Antibody (monoclonal) (M02)****Mouse monoclonal antibody raised against a partial recombinant TGOLN2.****Catalog # AT4230a****Specification**

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**TGOLN2 Antibody (monoclonal) (M02) - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, IHC, IF, E            |
| Primary Accession | <a href="#">O43493</a>    |
| Other Accession   | <a href="#">NM_006464</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | Monoclonal                |
| Isotype           | IgG2a Kappa               |
| Calculated MW     | 45880                     |

**TGOLN2 Antibody (monoclonal) (M02) - Additional Information****Gene ID** 10618**Other Names**

Trans-Golgi network integral membrane protein 2, TGN38 homolog, TGN46, TGN48, Trans-Golgi network protein TGN51, TGOLN2, TGN46, TGN51

**Target/Specificity**

TGOLN2 (NP\_006455, 229 a.a. ~ 327 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

IHC~~1:100~500

IF~~1:50~200

E~~N/A

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

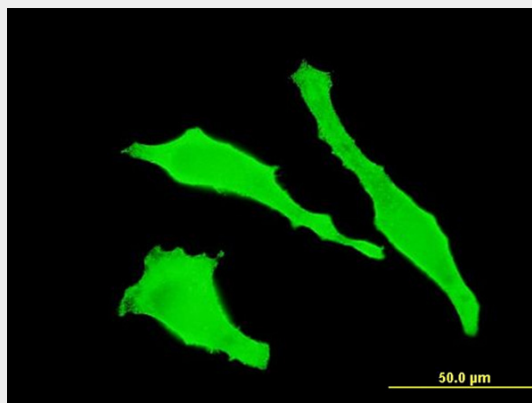
TGOLN2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

**TGOLN2 Antibody (monoclonal) (M02) - Protocols**

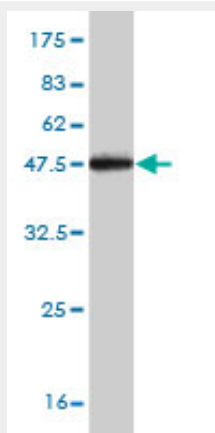
Provided below are standard protocols that you may find useful for product applications.

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

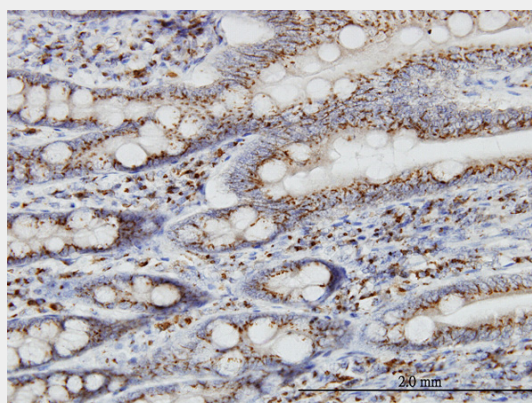
#### TGOLN2 Antibody (monoclonal) (M02) - Images



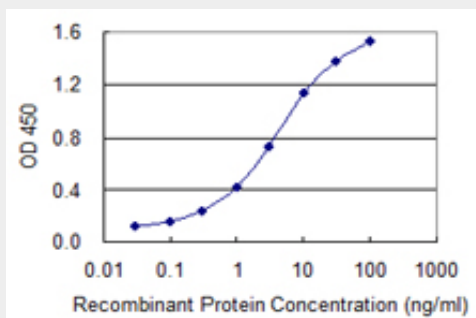
Immunofluorescence of monoclonal antibody to TGOLN2 on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .



Immunoperoxidase of monoclonal antibody to TGOLN2 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged TGOLN2 is 0.03 ng/ml as a capture antibody.

### **TGOLN2 Antibody (monoclonal) (M02) - References**

1. Phenylalanine Residues at the Carboxyl-terminus of the Herpes Simplex Virus Type-1 UL20 Membrane Protein Regulate Cytoplasmic Virion Envelopment and Infectious Virus Production. Charles AS, Chouljenko VN, Jambunathan N, Subramanian R, Mottram P, Kousoulas KG. *J Virol.* 2014 Apr 23. 2. Abnormal localization of leucine-rich repeat kinase 2 to the endosomal-lysosomal compartment in lewy body disease. Higashi S, Moore DJ, Yamamoto R, Minegishi M, Sato K, Togo T, Katsuse O, Uchikado H, Furukawa Y, Hino H, Kosaka K, Emson PC, Wada K, Dawson VL, Dawson TM, Arai H, Iseki E. *J Neuropathol Exp Neurol.* 2009 Sep;68(9):994-1005. 3. GIGYF2 is present in endosomal compartments in the mammalian brains and enhances IGF-1-induced ERK1/2 activation. Higashi S, Iseki E, Minegishi M, Togo T, Kabuta T, Wada K. *J Neurochem.* 2010 Jul 28. [Epub ahead of print]. 4. CDK5RAP2 functions in centrosome to spindle pole attachment and DNA damage response. Barr AR, Kilmartin JV, Gergely F. *J Cell Biol.* 2010 Apr 5;189(1):23-39.