

## TTC3 Antibody (monoclonal) (M09)

Mouse monoclonal antibody raised against a partial recombinant TTC3.

Catalog # AT4387a

### Product Information

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|-------------------|---------------------------|
| Application       | E                         |
| Primary Accession | <a href="#">P53804</a>    |
| Other Accession   | <a href="#">NM_003316</a> |
| Reactivity        | Human                     |
| Host              | mouse                     |
| Clonality         | monoclonal                |
| Isotype           | IgG2a Kappa               |
| Clone Names       | 2D10                      |
| Calculated MW     | 229869                    |

### Additional Information

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 7267                                                                                                                                                                                      |
| Other Names        | E3 ubiquitin-protein ligase TTC3, 632-, Protein DCRR1, RING finger protein 105, TPR repeat protein D, Tetratricopeptide repeat protein 3, TPR repeat protein 3, TTC3, DCRR1, RNF105, TPRD |
| Target/Specificity | TTC3 (NP_003307, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                                           |
| Dilution           | 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        | TTC3 Antibody (monoclonal) (M09) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                        |

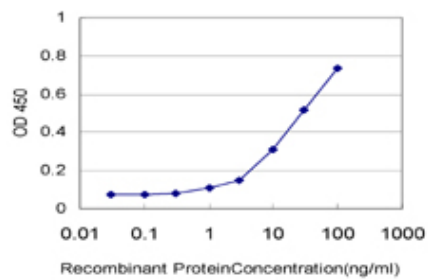
### References

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Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. The E3 ligase TTC3 facilitates ubiquitination and degradation of phosphorylated Akt. Suizu F, et al. Dev Cell, 2009 Dec. PMID 20059950. The Down syndrome critical region protein TTC3 inhibits neuronal differentiation via RhoA and Citron kinase. Berto G, et al. J Cell Sci, 2007 Jun 1. PMID 17488780. Functional proteomics mapping of a human signaling pathway. Colland F, et al. Genome Res, 2004 Jul. PMID 15231748. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.

## Images

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Detection limit for recombinant GST tagged TTC3 is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.