

## Anti-TPI1 Antibody (1T747)

### Product Details

|                   |                    |
|-------------------|--------------------|
| Ig Type:          | IgG1, Kappa        |
| Reactivity:       | Human,Mouse,Rat    |
| Molecular Weight: | Actual: 26 kDa.    |
| Clone:            | 1T747              |
| Purification:     | Protein G purified |

### Applications

|                    |                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Verified Activity: | 25 µg total protein per lane of various lysates (see on figure) probed with TPI1 monoclonal antibody, unconjugated (TMAB-13694) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. |
| Application:       | WB                                                                                                                                                                                                                                                         |
| Recommended        | WB: 1:500-2000                                                                                                                                                                                                                                             |

### Properties

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping:            | Shipping with blue ice.                                                                                 |

### Antigen Details

|          |      |
|----------|------|
| Gene ID: | 7167 |
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### Research Background

This gene encodes an enzyme, consisting of two identical proteins, which catalyzes the isomerization of glyceraldehydes 3-phosphate (G3P) and dihydroxy-acetone phosphate (DHAP) in glycolysis and gluconeogenesis. Mutations in this gene are associated with triosephosphate isomerase deficiency. Pseudogenes have been identified on chromosomes 1, 4, 6 and 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

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