

RecomAb™

TPI1 recombinant monoclonal antibody, clone R07-9N9

Catalog # RAB05621 Size 100 uL

Specification

| | |
|-----------------------------|--|
| Product Description | Rabbit recombinant monoclonal antibody raised against human TPI1. |
| Antibody Species | Rabbit |
| Immunogen | Original antibody is raised against corresponding to human TPI1. |
| Theoretical MW (kDa) | Calculated MW: 27 kD |
| Reactivity | Human, Mouse, Rat |
| Form | Liquid |
| Isotype | IgG |
| Recommend Usage | Flow Cytometry (1/50-1/100) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide) |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot
- Flow Cytometry

Gene Info — TPI1

Entrez GeneID [7167](#)**Gene Name** TPI1**Gene Alias** MGC88108, TPI**Gene Description** triosephosphate isomerase 1**Omim ID** [190450](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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]

Other Designations -

Pathway

- [Carbon fixation in photosynthetic organisms](#)
- [Fructose and mannose metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)

Disease

- [Malaria](#)