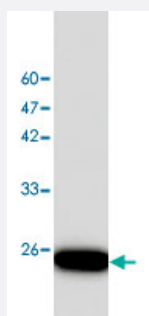


TPI1 monoclonal antibody, clone 5

Catalog # MAB9884

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 whole cell lysate with TPI1 monoclonal antibody, clone 5 (Cat # MAB9884) at 1:1000 dilution.

Specification

Product Description Mouse monoclonal antibody raised against full length recombinant TPI1.

Immunogen Recombinant protein corresponding to full length human TPI1.

Host Mouse

Reactivity Human

Specificity It can expression in HepG2 whole cell lysate.

Form Liquid

Purification Affinity purification

Isotype IgG1

Recommend Usage Western blot (1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer In Citrate-Tris-HCl buffer, pH 7.0 (0.02% Proclin 300)

Storage Instruction Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 whole cell lysate with TPI1 monoclonal antibody, clone 5 (Cat # MAB9884) at 1:1000 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TPI1

Entrez GeneID	7167
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GeneBank Accession#	NM_000365
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Protein Accession#	NP_000356
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Gene Name	TPI1
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Gene Alias	MGC88108, TPI
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Gene Description	triosephosphate isomerase 1
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Omim ID	190450
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Gene Ontology	Hyperlink
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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]
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Other Designations	-
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Pathway

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

- [Metabolic pathways](#)

Disease

- [Malaria](#)