

For Research Use Only

TPI1 Monoclonal antibody

Catalog Number: 60036-1-Ig



Basic Information

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| Catalog Number: 60036-1-Ig | GenBank Accession Number: BC007086 | Purification Method: Thiophilic affinity chromatograph |
| Size: 150ul | GeneID (NCBI): 7167 | CloneNo.: 1G2E9 |
| Source: Mouse | Full Name: triosephosphate isomerase 1 | |
| Isotype: IgM | Calculated MW: 27 kDa | |
| Immunogen Catalog Number: AG1175 | | |

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse

Background Information

TPI1 (Triosephosphate isomerase) is also named as TIM, TPI and belongs to the triosephosphate isomerase family. It is a key enzyme in cell metabolism that controls the glycolytic flow and energy production through the interconversion of dihydroxyacetone phosphate (DHAP) and D-glyceraldehyde 3-phosphate (G3P) (PMID:19251756). Defects in TPI1 are the cause of triosephosphate isomerase deficiency (TPI deficiency). It can exist as a homodimer (PMID:18562316).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data