Product Name: **Triose phosphate isomerase Rabbit Monoclonal Antibody**
Catalog #: **AMRe84179**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,FC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,FC 1:20-1:100
Molecular Weight	Calculated MW: 27 kDa ; Observed MW: 25 kDa

Antigen Information

Gene Name	Triose phosphate isomerase
Alternative Names	HEL-S-49; TIM; TPI1; TPID;;TIM
Gene ID	
SwissProt ID	P60174
Immunogen	A synthesized peptide derived from human TIM

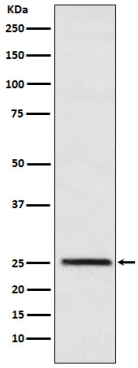
Background

Triosephosphate isomerase (TIM) catalyses the reversible interconversion of G3P and DHAP. Only G3P can be used in glycolysis, therefore TIM is essential for energy production, allowing two molecules of G3P to be produced for every glucose molecule,

thereby doubling the energy yield.

Research Area

Image Data



Western blot analysis of Triosephosphate isomerase expression in HeLa cell lysate.