



Anti-GPI monoclonal antibody, clone 3E3 (DCABH-726)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Glucose 6 phosphate isomerase
Antigen Description	Besides its role as a glycolytic enzyme, mammalian GPI can function as a tumor-secreted cytokine and an angiogenic factor (AMF) that stimulates endothelial cell motility. GPI is also a neurotrophic factor (Neuroleukin) for spinal and sensory neurons.
Immunogen	Recombinant full length protein of Human Glucose 6 phosphate isomerase produced in HEK293T cells (NP_000166).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Monkey
Clone	3E3
Purification	Purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, IHC-P, ICC/IF
Positive Control	Glucose 6 phosphate isomerase transfected HEK293T cell lysate, HepG2, HeLa, HT29, A549, COS7, Jurkat, and MCF7 cell extracts, Human liver, Adenocarcinoma of ovary, pancreas, prostate, and Carcinoma of prostate tissues, Glucose 6 phosphate isomerase transi
Format	Liquid
Size	100 µl

Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	GPI glucose-6-phosphate isomerase [Homo sapiens]
Official Symbol	GPI
Synonyms	GPI; glucose-6-phosphate isomerase; glucose phosphate isomerase; AMF; NLK; neuroleukin; oxoisomerase; sperm antigen 36; sperm antigen-36; phosphohexomutase; phosphosaccharomutase; phosphohexose isomerase; phosphoglucose isomerase; autocrine motility facto
Entrez Gene ID	2821
Protein Refseq	NP_000166
UniProt ID	P06744
Chromosome Location	19q13.1
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Gluconeogenesis, organism-specific biosystem; Glucose metabolism, organism-specific biosystem; Glycolysis, organism-specific biosystem; Glycolysis (Embden-Meyerhof pathway), glucose => pyruvate, organism-specific biosystem;
Function	cytokine activity; glucose-6-phosphate isomerase activity; glucose-6-phosphate isomerase activity; growth factor activity; isomerase activity;