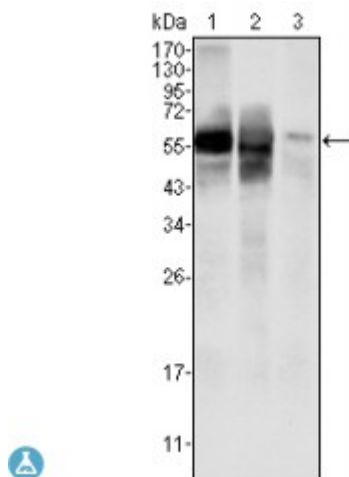


Anti-GPI antibody



Description	Mouse monoclonal to GPI.
Model	STJ98114
Host	Mouse
Reactivity	Human
Applications	ELISA, IF, IHC, WB
Immunogen	Purified recombinant fragment of human GPI expressed in E. Coli.
Gene ID	2821
Gene Symbol	GPI
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000IF 1:200-1:1000ELISA 1:10000
Specificity	GPI Monoclonal Antibody detects endogenous levels of GPI protein.
Purification	Affinity purification
Clone ID	1B7D7
Note	For Research Use Only (RUO).
Protein Name	Glucose-6-phosphate isomerase GPI Autocrine motility factor AMF Neuroleukin NLK Phosphoglucose isomerase PGI Phosphohexose isomerase PHI Sperm antigen 36 SA-36
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1

Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4458OMIM:172400
Alternative Names	Glucose-6-phosphate isomerase GPI Autocrine motility factor AMF Neuroleukin NLK Phosphoglucose isomerase PGI Phosphohexose isomerase PHI Sperm antigen 36 SA-36
Function	Besides it's 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.
Cellular Localization	Cytoplasm Secreted
Post-translational Modifications	Phosphorylation at Ser-185 by CK2 has been shown to decrease enzymatic activity and may contribute to secretion by a non-classical secretory pathway. ISGylated.

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