

GPI recombinant antibody

GPI Recombinant Monoclonal Antibody

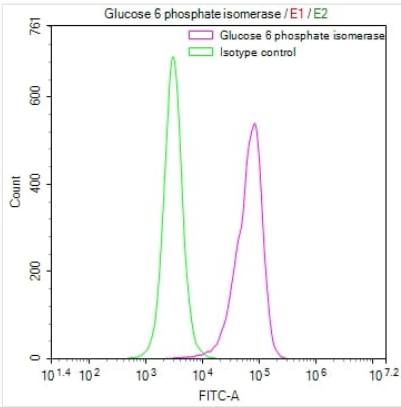
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279098	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GPI; Monoclonal Recombinant Antibody; GPI Recombinant Monoclonal Antibody; Glucose-6-phosphate isomerase (GPI)(EC 5.3.1.9)(Autocrine motility factor)(AMF)(Neuroleukin)(NLK)(Phosphoglucose isomerase)(PGI)(Phosphohexose isomerase)(PHI)(Sperm antigen 36)(SA-36); GPI recombinant antibody

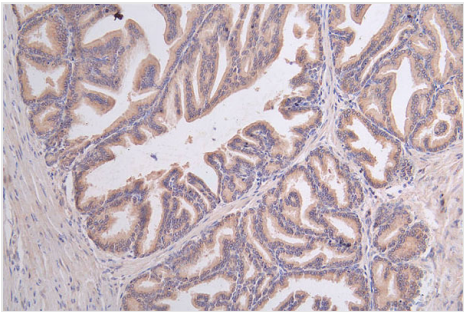
PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	12A4
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for GPI recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human GPI
Conjugation	Non-conjugated
Research Area	Neuroscience; Cancer; Immunology; Metabolism; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



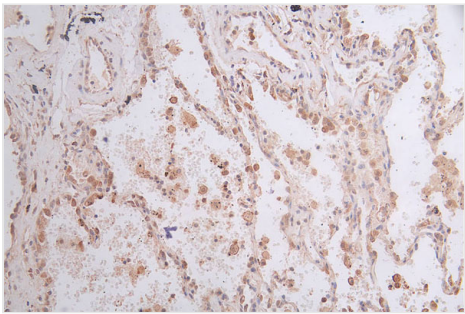
FCM/FACS (Flow Cytometry)

Overlay Peak curve showing A549 cells stained with AAA279098 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?.Control antibody (green line) was rabbit IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



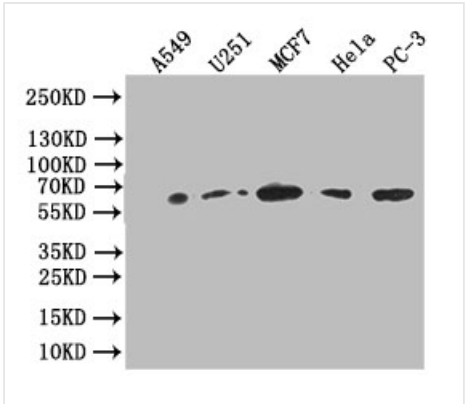
IHC (Immunohistochemistry)

IHC image of AAA279098 diluted at 1:50 and staining in paraffin-embedded human prostate tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.45% DAB.



IHC (Immunohistochemistry)

IHC image of AAA279098 diluted at 1:50 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.45% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: A549 whole cell lysate, U251 whole cell lysate,MCF7 whole cell lysate,HELA whole cell lysate,PC-3 whole cell lysateAll lanes: Glucose 6 phosphate isomerase antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 63 kDaObserved band size: 63 kDa

NCBI AND UNIPROT INFORMATION

NCBI GI #	17380385
NCBI GeneID	2821
UniProt Accession #	P06744; Q9BRD3; Q9BSK5; Q9UHE6; B4DG39
Molecular Weight	558
NCBI Official Full Name	Glucose-6-phosphate isomerase
NCBI Official Synonym Full Names	glucose-6-phosphate isomerase
NCBI Official Symbol	GPI
NCBI Official Synonym Symbols	AMF; NLK; PGI; PHI; GNPI; SA36; SA-36
NCBI Protein Information	glucose-6-phosphate isomerase; neuroleukin; oxoisomerase; sperm antigen 36; sperm antigen-36; phosphohexomutase; phosphosaccharomutase; phosphohexose isomerase; phosphoglucose isomerase; autocrine motility factor; hexosephosphate isomerase; glucose phosph

UniProt Protein Name	Glucose-6-phosphate isomerase
UniProt Gene Name	GPI
UniProt Synonym Gene Names	GPI; AMF; NLK; PGI; PHI; SA-36
UniProt Entry Name	G6PI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gpi-recombinant-antibody-clone-12a4-flow-cytometry-immunohistochemistry-western-blot-elisa/279098>