

Mouse GUK1 Monoclonal Antibody | anti-GUK1 antibody

GUK1 antibody

CATALOG # AAA74735	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

GUK1; Monoclonal Antibody; GUK1 antibody; Monoclonal GUK1; Anti-GUK1; Guanylate Kinase 1; GMK; GUK 1; GUK-1; anti-GUK1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	1D7
Purity/Purification	GUK1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	197
Applicable Applications for anti-GUK1 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	GUK1 is essential for recycling GMP and indirectly, cGMP.
Cross-Reactivity	Human
Immunogen	GUK1 antibody was raised in mouse using a full length recombinant protein of human GUK1 (NP_000849) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of GUK1 protein in paraffin embedded Human pancreas tissue using GUK1 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant GUK1 protein (Right) or empty vector (Left) detected with GUK1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-GUK1 antibody	Mouse monoclonal GUK1 antibody
Product Categories/Family for anti-GUK1 antibody	Nutrition & Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504221
NCBI GeneID	2987
NCBI Accession #	NP_000849
NCBI GenBank Nucleotide #	NM_000858.5
UniProt Accession #	Q16774; B1ANH1
Molecular Weight	26,596 Da
NCBI Official Full Name	guanylate kinase isoform b
NCBI Official Synonym Full Names	guanylate kinase 1
NCBI Official Symbol	GUK1
NCBI Official Synonym Symbols	GMK
NCBI Protein Information	guanylate kinase
UniProt Protein Name	Guanylate kinase
UniProt Gene Name	GUK1
UniProt Synonym Gene Names	GMK
UniProt Entry Name	KGUA_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/guk1-antibody-clone-1d7-western-blot-immunohistochemistry-flow-cytometry-elisa/74735>