

Mouse Fucokinase Monoclonal Antibody | anti-FUK antibody

Fucokinase Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320078	Mouse	Human, Mouse, Rat, Monkey	ELISA, Flow Cytometry, Functional Assay, Western Blot

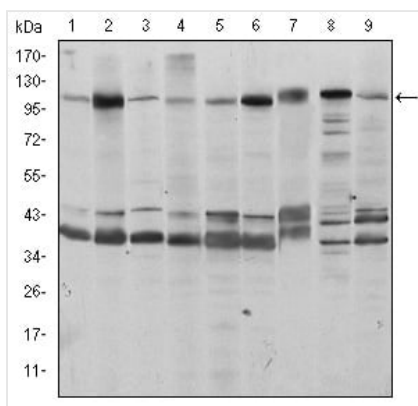
PRODUCT SYNONYMS

Fucokinase; Monoclonal Antibody; Fucokinase Monoclonal Antibody; L-fucose kinase; FUK; anti-FUK antibody

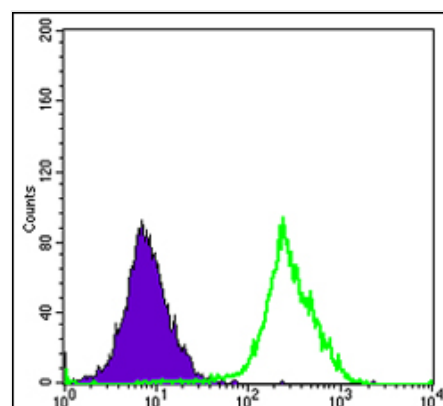
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Monoclonal
Specificity	Fucokinase Monoclonal Antibody detects endogenous levels of Fucokinase protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-FUK antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Fucokinase expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

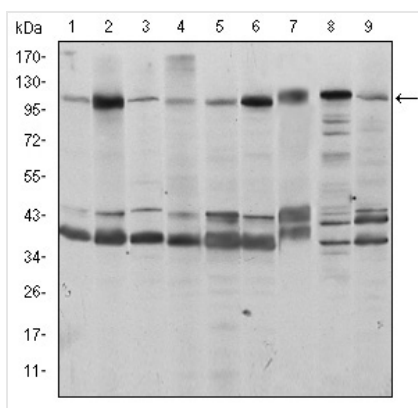


Application Data



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells using Fucokinase Monoclonal Antibody (green) and negative control (purple).



WB (Western Blot)

Western Blot analysis using Fucokinase Monoclonal Antibody against HeLa (1). HepG2 (2). Jurkat (3). A431 (4). HEK293 (5). MCF-7 (6). PC-12 (7). Cos7 (8). and NIH/3T3 (9) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-FUK antibody	fucokinase(FUK) Homo sapiens The protein encoded by this gene belongs to the GHMP (galacto-, homoserine, mevalonate and phosphomevalonate) kinase family and catalyzes the phosphorylation of L-fucose to form beta-L-fucose 1-phosphate. This enzyme catalyzes the first step in the utilization of free L-fucose in glycoprotein and glycolipid synthesis. L-fucose may be important in mediating a number of cell-cell interactions such as blood group antigen recognition, inflammation, and metastasis. While several transcript variants may exist for this gene, the full-length nature of only one has been described to date. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-FUK antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	63175654
NCBI GeneID	197258
NCBI Accession #	NP_659496.2
NCBI GenBank Nucleotide #	NM_145059.2
UniProt Accession #	Q8N0W3 ; Q5PSM3 ; Q5XKL6 ; Q6ZRA0 ; Q96MT9
Molecular Weight	117,623 Da
NCBI Official Full Name	L-fucose kinase
NCBI Official Synonym Full Names	fucokinase
NCBI Official Symbol	FUK
NCBI Official Synonym Symbols	1110046B12Rik
NCBI Protein Information	L-fucose kinase
UniProt Protein Name	L-fucose kinase
UniProt Gene Name	FUK
UniProt Synonym Gene Names	Fucokinase
UniProt Entry Name	FUK_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.

