

Mouse FUK Monoclonal Antibody | anti-FUK antibody

FUK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312084	Mouse	Human, Mouse, Rat, Monkey	Flow Cytometry, Functional Assay, Western Blot

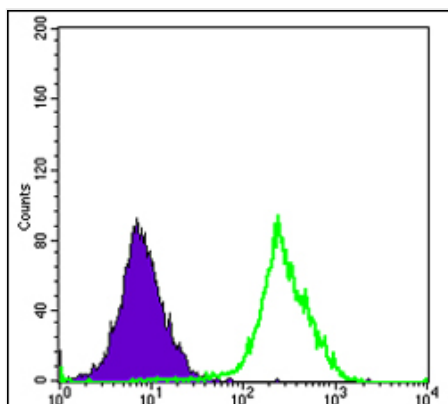
PRODUCT SYNONYMS

FUK; Monoclonal Antibody; FUK Antibody; anti-FUK antibody

PRODUCT SPECIFICATIONS

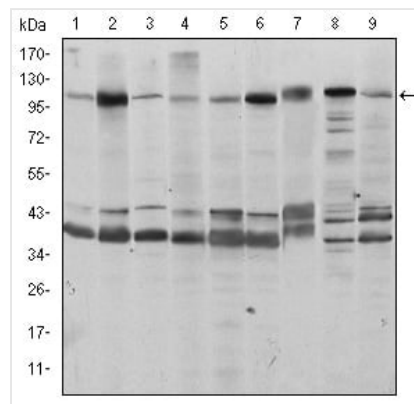
Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Monoclonal
Clone Number	E2-C3
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-FUK antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells with Fucokinase antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; purple).



WB (Western Blot)

Western blot analysis of Fucokinase on different cell lysates using anti- Fucokinase antibody at 1/1, 000 dilution. Positive control: Lane 1: HeLa Lane 2: HepG2 Lane 3: Jurkat Lane 4: A431 Lane 5: HEK293 Lane 6: MCF-7 Lane 7: PC-12 Lane 8: Cos7 Lane 9: NIH/3T3

ADDITIONAL INFORMATION

Related Product Information for anti-FUK antibody	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.
Product Categories/Family for anti-FUK antibody	Total protein Ab

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/fuk-antibody-clone-e2-c3-flow-cytometry-western-blot-elisa/312084>