

## FUK Antibody

Catalog No: #48477

Package Size: #48477-1 50ul #48477-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

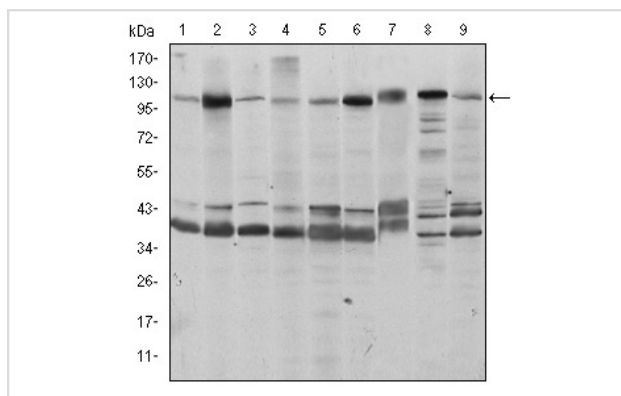
## Description

Product Name	FUK Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	E2-C3
Purification	ProA affinity purified
Applications	WB,FC
Species Reactivity	Hu, Ms, Rt, Monkey
Immunogen Description	Recombinant protein
Accession No.	Swiss-Prot#:Q8N0W3
Uniprot	Q8N0W3
GeneID	197258;
Calculated MW	117 kDa, additional band 42kDa
Formulation	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

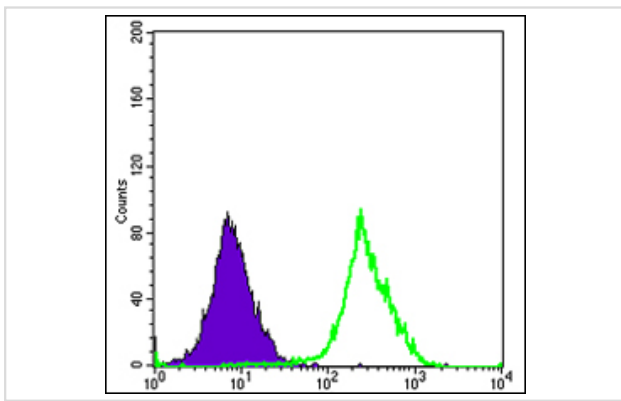
## Application Details

WB: 1:500-1:1,000FC: 1:100-1:200

## Images



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



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).

## Background

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.

## References

Note: This product is for in vitro research use only