

Anti-FUK Antibody (7P126)

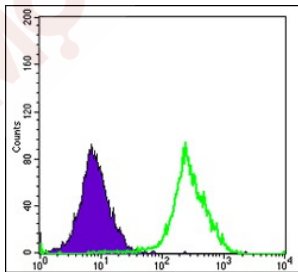
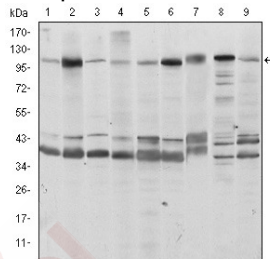
Product Details

Reactivity:	Human,Mouse,Rat,Monkey
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 117, 42 kDa.
Clone:	7P126
Purification:	ProA affinity purified

Applications

Verified Activity:

1. 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.
2. 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).



Application:	FCM,WB
Recommended	WB: 1:500-1000; FCM: 1:100-200

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: Q8N0W3

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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