

Fucokinase Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0572
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human Fucokinase expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Monkey
Clonality	Monoclonal
Recommended application	WB, FCM, ELISA
Concentration	1 mg/ml
Full name	L-fucose kinase
Synonyms	FUK; L-fucose kinase; Fucokinase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

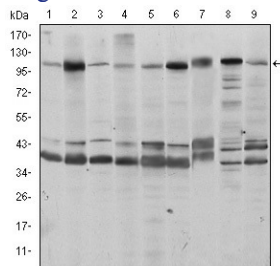
ELISA: 1:10000

FC: 1:200 - 1:400

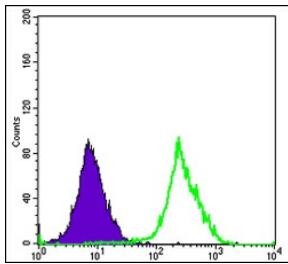
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



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.



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

Storage

-20°C for one year

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