

Mouse Monoclonal Antibody to FUK

Catalogue Number	sAP-0557
Target Molecule	Name: FUK Aliases: FLJ39408; 1110046B12Rik MW: 117kDa Entrez Gene ID: 197258
Description	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)
Immunogen	Purified recombinant fragment of human FUK expressed in E. Coli. ;
Reactive Species	Human; Mouse; Rat; Monkey
Clone	MM6E2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Hum Ergol (Tokyo). 2009 Dec;38(2):81-8. ; 2. Ophthalmologica. 2009;223(4):233-8.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**