

Mouse Monoclonal Antibody to ILK

Catalogue Number	sAP-0763
Target Molecule	Name: ILK Aliases: P59; ILK-2 MW: 51.4kDa Entrez Gene ID: 3611
Description	Transduction of extracellular matrix signals through integrins influences intracellular and extracellular functions, and appears to require interaction of integrin cytoplasmic domains with cellular proteins. Integrin-linked kinase (ILK), interacts with the cytoplasmic domain of beta-1 integrin. This gene encodes a serine/threonine protein kinase with 4 ankyrin-like repeats, which associates with the cytoplasmic domain of beta integrins and acts as a proximal receptor kinase regulating integrin-mediated signal transduction. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.
Immunogen	Purified recombinant fragment of human ILK (AA: 97-244) expressed in E. Coli.
Reactive Species	Human; Mouse; Monkey;
Clone	MM3A9;
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; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Surgery. 2011 Aug;150(2):162-8. 2.Int J Cancer. 2012 Feb 1;130(3):521-31.

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 ender users! This product is sold for **Research Use Only**