

Mouse Monoclonal Antibody to MELK

Catalogue Number	sAP-0724
Target Molecule	Name: MELK Aliases: HPK38 MW: 74.6kDa Entrez Gene ID: 9833
Description	Maternal embryonic leucine-zipper kinase (MELK) is a key regulator of survival of stemlike GBM cells in vitro. MELK expression is increased in breast cancer tissue and this increase is also associated with poor patient survival, as predicted for a candidate oncogene.
Immunogen	Synthesized peptide of human MELK(AA: 637-651:C-VYKRLVEDILSSCKV). ;
Recombinant Species	Human
Clone	MM2G2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Neuro Oncol. 2011 Jun;13(6):622-34. ; 2. Breast Cancer Res. 2009;11(4):R60. ;

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**