

## 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). ;

**Recitative 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 H2O, 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**