

## MELK Ab

Cat.#: BF0492	Concn.: ~1mg/ml	Mol.Wt.: 74.6kDa
Size:	Source: Mouse	Clonality: Monoclonal
Application:	ELISA 1:10000, IHC 1:200-1:1000, IF/ICC 1:200-1:1000, FCM 1:200-1:400 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human	
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	Affinity-chromatography.	
Immunogen:	Purified recombinant fragment of human MELK expressed in E. Coli.	
Uniprot:	Q14680	
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.	

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