



## β-actin Mouse Monoclonal Antibody(5B7)-HRP conjugated

Catalog	PMK058M	PMK058S	Tel : 400-457-3801
Quantity	50μL	100μL	E-mail:postmaster@biopmk.com
			Web:www.biopmk.com

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, R, M, Mk, Dg, Ch, Hm, Rb, Pg, Sh	43KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% Kathon as Preservative and 50% Glycerol.  
Store at -20°C. Do not aliquot the antibody.

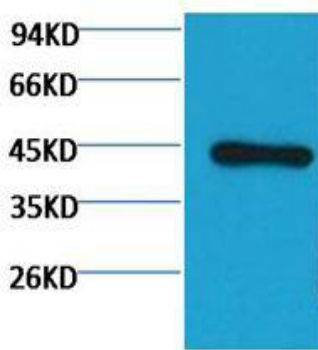
**Recommended dilutions:** WB: 1:5000 IHC: 1:100-500

**Optimal dilutions should be determined by the end user.**

**Specificity:** Antibody can detects endogenous β-Actin protein.

**Alternative Names:** actin antibody, b-actin antibody, beta-actin antibody

**Background:**β-actin is one of six different actin isoforms that have been identified. The actin molecules found in cells of various species and tissues tend to be very similar in their immunological and physical properties. Therefore, antibodies against β-actin are useful as loading controls for Western Blotting. However it should be noted that levels of β-actin may not be stable in certain cells. For example, expression of β-actin in adipose tissue is very low and therefore β-actin should not be used as loading control for these tissues.



**Western blot analysis of HeLa with PMK058 diluted at 1:5000**

<b>Application:</b>	WB-Western blot	IHC-Immunochemistry	IF-Immunofluorescence	IP-Immunoprecipitation	ChIP-Chormatin Immunoprecipitation					
<b>Reactivity:</b>	H-Human	R-Rat	M-Mouse	Mk-Monkey	Dg-Dog	Ch-Chicken	Hm-Hamster	Rb-Rabbit	Sh-Sheep	Pg-Pig