

beta-Actin Ab - HRP

[References\(1\)](#) [Images\(2\)](#)

Cat.#: T0022-HRP	Concn.: ~1mg/ml	Mol.Wt.: 43KD
Size:	Source: Mouse	Clonality: Monoclonal
Application:	WB 1:5000-1:10000 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat,Pig,Dog,Monkey,Hamster,Spodoptera frugiperda	
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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:	Full-length beta-Actin protein of human.	
Uniprot:	P60709	
Description:	beta-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 beta-Actin are useful as loading controls for Western Blotting. However it should be noted that levels of beta-Actin may not be stable in certain cells. For example, expression of beta-Actin in adipose tissue is very low and therefore it should not be used as loading control for these tissues.	
Conjugate:	HRP	



Western blot analysis of Hela (1) , Rat brain (2) ,Mouse brain (3) ,Chicken lung (4) and Rabbit testis (5) with beta-Actin mouse mAb.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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