

β-actin Monoclonal Antibody(5B7)

Catalog No: #44030

Package Size: #44030-1 50ul #44030-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

Description

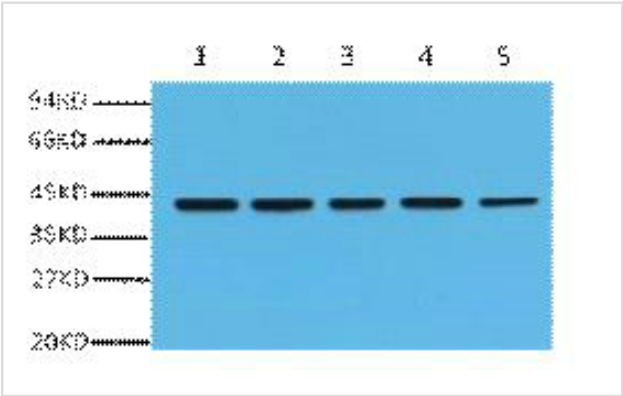
|                       |                                                                         |
|-----------------------|-------------------------------------------------------------------------|
| Product Name          | β-actin Monoclonal Antibody(5B7)                                        |
| Host Species          | Mouse                                                                   |
| Clonality             | Monoclonal                                                              |
| Clone No.             | 5B7                                                                     |
| Isotype               | IgG1                                                                    |
| Applications          | WB IHC                                                                  |
| Species Reactivity    | Hu Rt Ms Mk D Chk Hm Rb Insect                                          |
| Specificity           | The antibody detects endogenous β-actin protein.                        |
| Immunogen Type        | Peptide                                                                 |
| Immunogen Description | Synthetic Peptide                                                       |
| Conjugates            | Unconjugated                                                            |
| Target Name           | β-actin                                                                 |
| Other Names           | ACTB; Actin, cytoplasmic 1; Beta-actin                                  |
| Calculated MW         | 43kd                                                                    |
| Concentration         | 1mg/ml                                                                  |
| Formulation           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage               | Store at -20°C/1 year                                                   |

Application Details

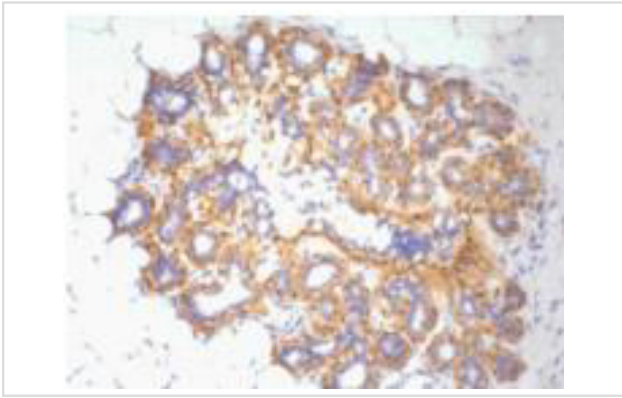
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Western blot analysis of Hela (1) Rat brain (2) Mouse brain (3)  
Chicken lung (4) and Rabbit testis (5), diluted at 1:10000.



IHC Staining of Human ovary tissue, diluted at 1:200

## Published Papers

Lulu Liu;Shilong Yang;Longhui Chai;Shipei Zhang;Dan Liu;Haitao Xu;Yue Zhao;Shiyu Chen;Guangshun Jiang;Bin Li et al., Nicotinic acetylcholine receptors regulate growth hormone in pituitary somatotrophs of tigers., , (2025)

[PMID:40164859](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.