

beta-Actin Recombinant Rabbit mAb

Catalog Number: bsm-33032R

Target Protein: beta-Actin

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 7B7

Isotype: IgG

Applications: WB (1:10000-100000)

Reactivity: Human, Mouse, Rat (predicted:Rabbit, Chicken, Dog, Hamster)

Predicted MW: 43 kDa

Entrez Gene: 60

Swiss Prot: P60709

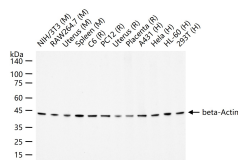
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

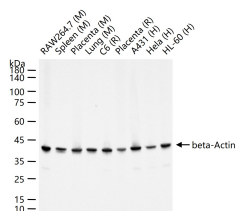
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Actin is a highly conserved protein and an essential component of cell cytoskeleton and plays an important role in cytoplasmic streaming, cell shape determination, cell division, organelle movement and extension growth. Preferentially expressed in young and expanding tissues, floral organ primordia, developing seeds and emerging inflorescence. Antibodies against plant Actin are useful as loading controls for Western Blotting.

VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with beta-Actin monoclonal antibody, unconjugated (bsm-33032R) at 1:100000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



25 ug total protein per lane of various lysates (see on figure) probed with beta-Actin monoclonal antibody, unconjugated (bsm-33032R) at 1:20000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.