

bsm-42234R**[Primary Antibody]****Bioss**
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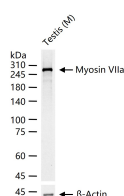
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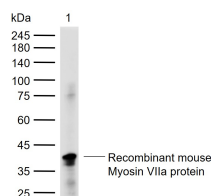
Myosin VIIa Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 10H4**Target:** Myosin VIIa**Immunogen:** Recombinant mouse Myosin VIIa protein: 861-1035/2215.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml

Storage: Size : 25ul/50ul/100ul/200ul
 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
 Size : 200ug (PBS only)
 0.01M PBS
 Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. In retina, myosin VIIa may play a role in trafficking of ribbon-synaptic vesicle complexes and renewal of the outer photoreceptors disks. In inner ear, it may maintain the rigidity of stereocilia during the dynamic movements of the bundle.

Applications: WB (1:500-2000)**Reactivity:** Mouse**Predicted MW.:** 244 kDa**Subcellular Location:** Cytoplasm**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with Myosin VIIa monoclonal antibody, unconjugated (bsm-42234R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Sample: Lane 1: Recombinant mouse Myosin VIIa protein, N-Trx-His(bs-42234P) Primary: Anti-Myosin VIIa (bsm-42234R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 244 kDa
 Observed band size: 42 kDa