

bs-9291R**[Primary Antibody]****MUL1 Rabbit pAb****Bioss**
ANTIBODIES

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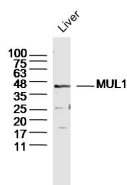
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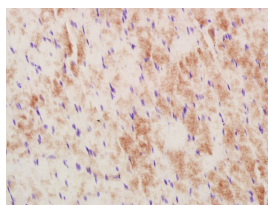
400-901-9800

DATASHEET**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 79594**SWISS:** Q969V5**Target:** MUL1**Immunogen:** KLH conjugated synthetic peptide derived from human MUL1/RNF218: 1-100/352.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

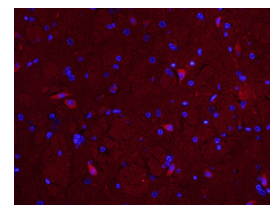
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: E3 ubiquitin-protein ligase that plays a role in the control of mitochondrial morphology. Promotes mitochondrial fragmentation and influences mitochondrial localization. Inhibits cell growth. When overexpressed, activates JNK through MAP3K7/TAK1 and induces caspase-dependent apoptosis. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer the ubiquitin to targeted substrates.**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (1µg/test)**Reactivity:** Human, Mouse, Rat
(predicted: Rabbit, Pig, Cow, Dog)**Predicted MW.:** 40 kDa**Subcellular Location:** Cell membrane ,Cytoplasm**VALIDATION IMAGES**

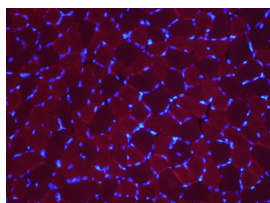
Sample: Liver (Mouse) Lysate at 40 µg Primary: Anti-MUL1 (bs-9291R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 40kD
Observed band size: 40kD



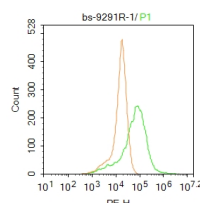
Paraformaldehyde-fixed, paraffin embedded (Rat skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MUL1) Polyclonal Antibody, Unconjugated (bs-9291R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



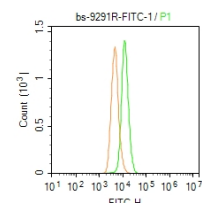
Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MUL1) Polyclonal Antibody, Unconjugated (bs-9291R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (bs-0295g-cy3) for 90 minutes, and DAPI for nuclei staining.



Paraformaldehyde-fixed, paraffin embedded (Rat skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody



Blank control: A549. Primary Antibody (green line): Rabbit Anti-MUL1 antibody (bs-9291R) Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA



Blank control: A549. Primary Antibody (green line): Rabbit Anti-MUL1/FITC Conjugated antibody (bs-9291R-FITC) Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG-FITC . Protocol The cells were fixed with 4% PFA (10min at room temperature)and

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incubation with (MUL1) Polyclonal Antibody, Unconjugated (bs-9291R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (bs-0295g-cy3) for 90 minutes, and DAPI for nuclei staining.

(10min at room temperature)and then permeabilized with PBST for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

then permeabilized with 0.1% PBST for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. The cells were stained with Primary Antibody for 30 min at room temperature. Acquisition of 20,000 events was performed.