

## Mouse Monoclonal Antibody to MuRF1

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|--------------------------------|---|
| <b>Catalogue Number</b>        | sAP-1072  |
| <b>Target Molecule</b>         | <b>Name:</b> MuRF1<br><b>Aliases:</b> TRIM63; IRF; SMRZ; MURF2; RNF28<br><b>MW:</b> 40.2kDa<br><b>Entrez Gene ID:</b> 84676   |
| <b>Description</b>             | This gene encodes a member of the RING zinc finger protein family found in striated muscle and iris. The product of this gene is an E3 ubiquitin ligase that localizes to the Z-line and M-line lattices of myofibrils. This protein plays an important role in the atrophy of skeletal and cardiac muscle and is required for the degradation of myosin heavy chain proteins, myosin light chain, myosin binding protein, and for muscle-type creatine kinase. |
| <b>Immunogen</b>               | Synthesized peptide of human MuRF1 (AA: 293-304).   |
| <b>Reactive Species</b>        | Human;  |
| <b>Clone</b>                   | MM7B8E1;  |
| <b>Size and Concentration</b>  | 100µg/1mg/ml  |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.  |
| <b>Reconstitution/Storages</b> | Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage  |
| <b>Applications</b>            | ELISA: 1 to 10000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400   |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)  |
| <b>Reference</b>               | 1. Liver Int. 2013 May;33(5):714-21. doi: 10.1111/liv.12128. Epub 2013 Feb 24. ; 2. Cell Biochem Biophys. 2011 Jun;60(1-2):113-8.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**