

## Mouse Monoclonal Antibody to MuRF1

Catalogue Number	sAP-1072
Target Molecule	<b>Name: MuRF1</b> <b>Aliases:</b> TRIM63; IRF; SMRZ; MURF2; RNF28 <b>MW: 40.2kDa</b> <b>Entrez Gene ID: 84676</b>
Description	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.
Immunogen	Synthesized peptide of human MuRF1 (AA: 293-304).
Recombinant Species	Human;
Clone	MM7B8E1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
Applications	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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**