




Product datasheet

Anti-E3 ubiquitin-protein ligase MUL1 antibody [ABM4F71] - C-terminal ab210929

1 Image

Overview

Product name	Anti-E3 ubiquitin-protein ligase MUL1 antibody [ABM4F71] - C-terminal
Description	Mouse monoclonal [ABM4F71] to E3 ubiquitin-protein ligase MUL1 - C-terminal
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Cynomolgus monkey 
Immunogen	Recombinant fragment corresponding to Human E3 ubiquitin-protein ligase MUL1 aa 100 to the C-terminus (C terminal). Database link: Q969V5  Run BLAST with  Run BLAST with
Positive control	Human skeletal muscle lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.05% BSA
Purity	Protein G purified
Clonality	Monoclonal
Clone number	ABM4F71

Isotype	IgG1
Light chain type	kappa

Applications

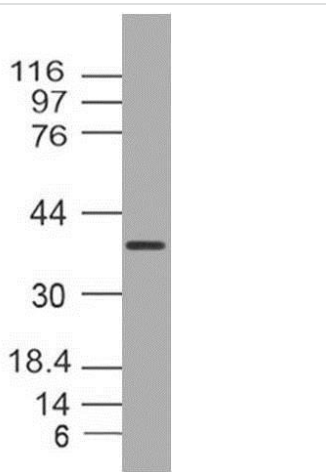
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab210929 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 4 µg/ml. Predicted molecular weight: 40 kDa.

Target

Function	Exhibits weak E3 ubiquitin-protein ligase activity, but preferentially acts as a SUMO E3 ligase at physiological concentrations. 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.
Tissue specificity	Widely expressed with highest levels in the heart, skeletal muscle, placenta, kidney and liver. Barely detectable in colon and thymus.
Pathway	Protein modification; protein ubiquitination. Protein modification; protein sumoylation.
Sequence similarities	Contains 1 RING-type zinc finger.
Domain	The zinc finger domain is required for E3 ligase activity.
Cellular localization	Mitochondrion outer membrane. Peroxisome. Transported in mitochondrion-derived vesicles from the mitochondrion to the peroxisome.

Images



Anti-E3 ubiquitin-protein ligase MUL1 antibody [ABM4F71] - C-terminal (ab210929) at 4 µg/ml + Human skeletal muscle lysate

Predicted band size: 40 kDa

Western blot - Anti-E3 ubiquitin-protein ligase MUL1 antibody [ABM4F71] - C-terminal (ab210929)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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