

10-4165: Monoclonal Antibody to MUL1 (Clone: ABM4F71)

Clonality :	Monoclonal
Clone Name :	ABM4F71
Application :	WB
Reactivity :	Human
Gene :	MUL1
Gene ID :	79594
Uniprot ID :	Q969V5
Format :	Purified
Alternative Name :	MUL1,C1orf166,GIDE,MAPL,MULAN,RNF218
Isotype :	Mouse IgG1, kappa
Immunogen Information :	A partial length recombinant MUL1 protein (amino acids 146-352) was used as the immunogen for this antibody.

Description

MUL1 (Mitochondrial E3 Ubiquitin Protein Ligase-1) is a crucial moderator of RIG-I (Retinoic Acid-Inducible-Gene-I) signaling. This protein is localized to the mitochondria where it interacts with MAVS (Mitochondrial Antiviral Signaling) and catalyzes RIG-I post-translational modifications that inhibit RIG-I-dependent cell signaling. MUL1 contains a unique BAM (Beside A Membrane) domain and a C-terminal RING-finger domain. This protein has been implicated in several processes that occur in animal cells such as NF-KappaB activation, innate immunity and antiviral signaling, suppression of PINK1/parkin defects, mitophagy in skeletal muscle, and caspase-dependent apoptosis.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 4-8 µg/ml

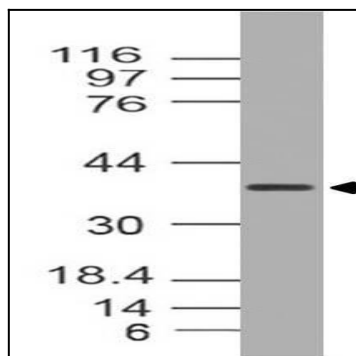


Fig-1: Western blot analysis of MUL1. Anti-MUL1 antibody (Clone: ABM4F71) was tested at 4 μ g/ml on human SKM lysate.