
Product Name: KD-Validated MRPL11 Mouse Monoclonal Antibody**Catalog #: KVA00515**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 20.7kDa

Antigen Information

Gene Name	MRPL11
Alternative Names	MRPL11; Mitochondrial Ribosomal Protein L11; UL11m; 39S Ribosomal Protein L11, Mitochondrial; Large Ribosomal Subunit Protein UL11m; MRP-L11; Mitochondrial Large Ribosomal Subunit Protein UL11m; CGI-113; L11MT; L11mt
Gene ID	65003.0
SwissProt ID	Q9Y3B7
Immunogen	Recombinant protein of human MRPL11

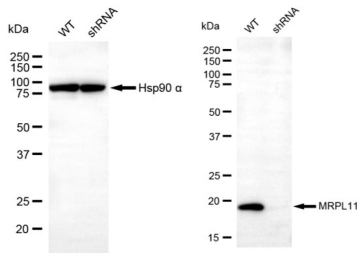
Background

This nuclear gene encodes a 39S subunit component of the mitochondrial ribosome. Alternative splicing results in multiple transcript variants. Pseudogenes for this gene are found on chromosomes 5 and 12. [provided by RefSeq, May 2014]

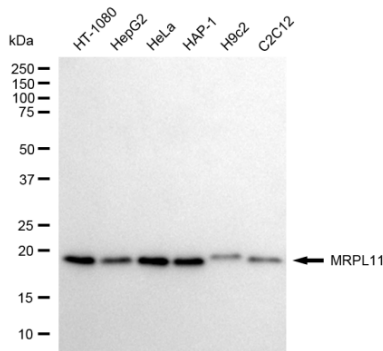
Research Area

Cancer

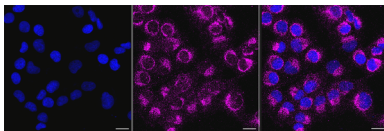
Image Data



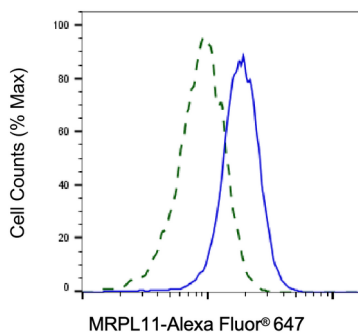
Western blotting analysis using MRPL11 antibody (KVA00515). MRPL11 expression in wild-type (WT) and MRPL11 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with MRPL11 antibody (KVA00515, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using MRPL11 antibody (KVA00515). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with MRPL11 antibody (KVA00515, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with MRPL11 antibody (KVA00515, 1:1,000). Nuclei were stained blue with DAPI; MRPL11 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 µm.



Validation of MRPL11 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with MRPL11 antibody (KVA00515, 1:2,000) and analyzed using BD flow cytometer.