

MAB934Hu21

Monoclonal Antibody to Leucine Rich Alpha-2-Glycoprotein 1 (LRG1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG2b Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C4

Traits: Liquid

Concentration: 1mg/mL

UOM: 1mL

Cross Reactivity: N/A

Applications: WB; IHC; ICC/IF; FCM

[IMMUNOGEN]

Immunogen: Recombinant LRG1 (Thr37~Leu340) expressed in *E.coli*

Accession No.: RPB934Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunofluorescence: 5-30µg/mL;

Flow cytometry: 10µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

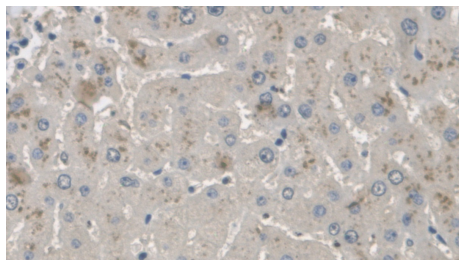
Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

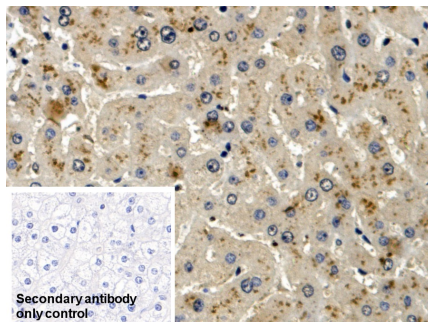
Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

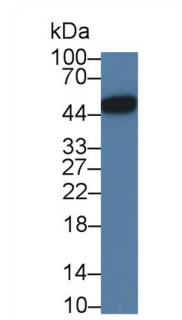
[IDENTIFICATION]



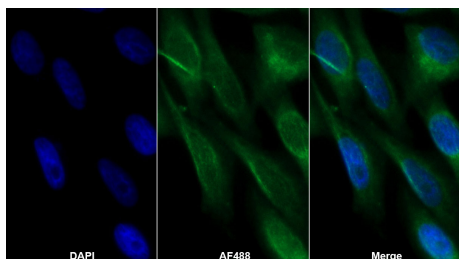
DAB staining on IHC-P; Sample:
Human Liver Tissue; Primary Ab:
20µg/ml Mouse Anti-Human LRG1
Antibody Second Ab: 2µg/mL HRP-
Linked Caprine Anti-Mouse IgG
Polyclonal Antibody (Catalog:
SAA544Mu19)



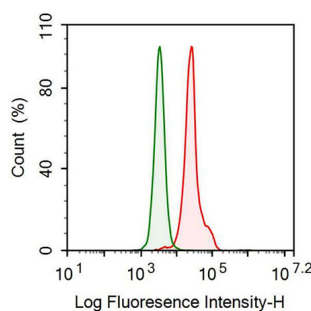
DAB staining on IHC-P;
Sample: Human Liver Tissue
Primary Ab: 20µg/ml Mouse Anti-
Human LRG1 Antibody
Control: Used PBS instead of primary
antibody
Second Ab: 2µg/ml HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



Western Blot; Sample: Human Urine;
Primary Ab: 3µg/ml Mouse Anti-Human
LRG1 Antibody
Second Ab: 0.2µg/mL HRP-Linked
Caprine Anti-Mouse IgG Polyclonal
Antibody
(Catalog: SAA544Mu19)



AF488 staining on IF;
Sample: HepG2 cell
Primary Ab: 20µg/ml Mouse Anti-
Human LRG1 Antibody
Second Ab: 2µg/ml AF488-Linked
Caprine Anti-Mouse IgG Polyclonal



Human U937 cell line was fixed with
2% paraformaldehyde (10 min) ,
permeabilised with 0.1% BSA-Triton
X-100, then stained with 10µg/ml mouse
Anti-human LRG1 Monoclonal Antibody

Antibody
(Catalog: SAA544Mu11)

(Catalog MAB934Hu21, red histogram)
or Isotype control antibody (Catalog
IS067-Mu03, green histogram),
followed by 1µg/ml FITC-conjugated
Anti-mouse IgG Secondary Antibody
(Catalog SAA544Mu18).

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.