

Rabbit anti-Human LRG1 mAb (CAP)

Catalog No.: RMK0291

Basic Information

Catalog No.
RMK0291

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.
Preservative □ 0.05% ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.05% ProClin 300, PH 7.4.

Contact

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Background

LRG1 (leucine-rich alpha -2-glycoprotein 1) is an approximately 50 kDa secreted glycoprotein present in the plasma and other body fluids. The human LRG1 cDNA encodes 347 amino acids (aa) that include a 35 aa signal sequence, eight leucine-rich repeats (LRR), and an LRRCT (LRR C-terminal) domain. Mature human LRG1 shares 66%, 63%, 75% and 72% aa sequence identity with mouse, rat, canine and porcine LRG1, respectively. LRG1 is up-regulated during differentiation of neutrophils and present with myeloperoxidase in primary neutrophilic granules. It can be produced by hepatocytes as an acute phase protein. LRG1 can interact directly with Cytochrome c, and is thought to act as a survival factor for lymphocytes in the presence of extracellular Cytochrome c. Serum or plasma LRG1 is reported to be elevated in toxic shock syndrome, cardiac damage (produced by cardiomyocytes and correlating with BNP), autoimmune syndromes such as rheumatoid arthritis and Crohn's disease, and some cancers such as those in the ovary and biliary tract . It is el...

Immunogen Information

Immunogen
Recombinant Human LRG1

Cross-Reactivity

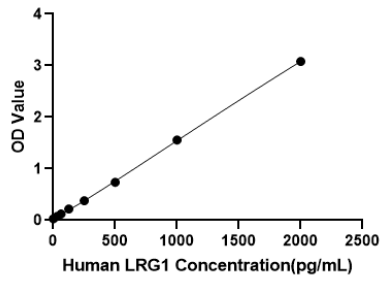
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Assay Applications

Human LRG1 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4 ug/mL	Rabbit anti-Human LRG1 (CAP)(Cat. No.RMK0291)
ELISA Detection	0.00625-0.025ug/mL	Rabbit anti-Human LRG1 (DET)(Cat. No.RMK0292)
Standard	0.16-10ng/mL	Recombinant Human LRG1 Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.