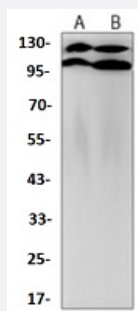


RecomAb™

# APOER2 recombinant monoclonal antibody

Catalog # RAB02470      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of CHOK1 (A), C6 (B) whole cell lysates with Apolipoprotein E Receptor 2 recombinant monoclonal antibody (Cat # RAB02470).

## Specification

|                      |                                                                                                                                     |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Product Description  | Rabbit recombinant monoclonal antibody raised against human APOER2.                                                                 |
| Antibody Species     | Rabbit                                                                                                                              |
| Immunogen            | Original antibody is raised against a synthetic peptide of human ApoER2.                                                            |
| Theoretical MW (kDa) | 99, 106                                                                                                                             |
| Reactivity           | Hamster, Human, Rat                                                                                                                 |
| Specificity          | Recognizes endogenous levels of Apolipoprotein E Receptor 2 protein.                                                                |
| Form                 | Liquid                                                                                                                              |
| Purification         | Immunogen affinity chromatography                                                                                                   |
| Isotype              | IgG                                                                                                                                 |
| Recommend Usage      | Immunoprecipitation(1:10-1:50)<br>Western Blot (1:500-1:1000)<br>The optimal working dilution should be determined by the end user. |

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)                              |
| <b>Storage Instruction</b> | Store at 4°C short term.<br>Aliquot and store at -20°C long term.<br>Avoid freeze-thaw cycles.                         |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Western Blot (Cell lysate)

Western blot analysis of CHOK1 (A), C6 (B) whole cell lysates with Apolipoprotein E Receptor 2 recombinant monoclonal antibody (Cat # RAB02470).

- Immunoprecipitation

## Gene Info — LRP8

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">7804</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Accession#</b> | <a href="#">Q14114</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Name</b>          | LRP8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Alias</b>         | APOER2, HSZ75190, MCI1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Description</b>   | low density lipoprotein receptor-related protein 8, apolipoprotein e receptor                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Omim ID</b>            | <a href="#">602600 608446</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Summary</b>       | This gene encodes an apolipoprotein E receptor, a member of the low density lipoprotein receptor (LDLR) family. Apolipoprotein E is a small lipophilic plasma protein and a component of lipoproteins such as chylomicron remnants, very low density lipoprotein (VLDL), and high density lipoprotein (HDL). The apolipoprotein E receptor is involved in cellular recognition and internalization of these lipoproteins. Alternative splicing generates multiple transcript variants encoding distinct isoforms for this gene. [provided by RefSeq] |
| <b>Other Designations</b> | OTTHUMP00000010479 OTTHUMP00000010480 OTTHUMP00000010481 apolipoprotein E receptor 2 low density lipoprotein receptor-related protein 8                                                                                                                                                                                                                                                                                                                                                                                                              |

## Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Growth Retardation](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Hypertension](#)
- [Kidney Diseases](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Pre-Eclampsia](#)
- [Renal Insufficiency](#)
- [Werner syndrome](#)