

For Research Use Only

FITC Plus Anti-Human LRP1 (5A6) Rabbit IgG Recombinant Antibody



Catalog Number: FITC-65546

Basic Information

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|--------------------------------------|---|---|
| Catalog Number: FITC-65546 | GenBank Accession Number: NM_002332 | Purification Method: Affinity purification |
| Size: 100tests, 5 µl/test | GeneID (NCBI): 4035 | CloneNo.: 5A6 |
| Source: Rabbit | Full Name: low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor) | Excitation/Emission maxima wavelengths: 495 nm / 524 nm |
| Isotype: IgG | | |

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

LRP1 (Pro-low-density lipoprotein receptor-related protein 1), also known as A2MR, APOER and CD91, is a type I transmembrane protein that belongs to the LDLR family. LRP1 is synthesized as a transmembrane glycosylated precursor of 600 kDa, and is subsequently cleaved to generate a large 515-kDa N-terminal extracellular subunit and an 85-kDa C-terminal transmembrane subunit, which are noncovalently associated with one another (PMID: 2112085; 8546712). LRP1 is a multifunctional receptor involved in the clearance of a large number of diverse ligands and modulating various cellular processes. LRP1 is implicated in conditions such as atherosclerosis, cancer and neurodegenerative diseases (PMID: 28381441).

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

For technical support and original validation data for this product please contact:

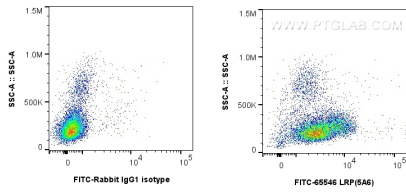
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul FITC Plus Anti-Human LRP1 Rabbit Recombinant Antibody (FITC-65546, Clone:5A6), or FITC-conjugated Rabbit IgG control (FITC-30000). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.