Human LRP-1 APC-conjugated Antibody
Monoclonal Mouse IgG2B Clone # 545503
Catalog Number: FAB6360A
100 TESTS

DESCRIPTION
Species Reactivity Human
Specificity Detects human LRP-1 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) LRP-1 clusters 2, 3, or 4, rhLRP-4, rhLRP-5, rhLRP-5 intracellular domain, rhLRP-6, rhLRP-6 intracellular domain, or rhLRPAP is observed.
Source Monoclonal Mouse IgG2B Clone # 545503
Purification Protein A or G purified from hybridoma culture supernatant
Immunogen E. coli-derived recombinant human LRP-1 Gln4449-ala4544 Accession # Q07954
Conjugate Allophycocyanin
Excitation Wavelength: 620-650 nm
Emission Wavelength: 660-670 nm
Formulation Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

Recommended Concentration Sample
Flow Cytometry 10 µL/10^6 cells See Below

DATA
Flow Cytometry
Detection of LRP-1 in HEK293 Human Cell Line by Flow Cytometry. HEK293 human embryonic kidney cell line was stained with Mouse Anti-Human LRP-1 APC-conjugated Monoclonal Antibody (Catalog # FAB6360A, filled histogram) or isotype control antibody (Catalog # IC0041A, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE
Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage Protect from light. Do not freeze.
• 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND
LDL Receptor related Protein 1 (LRP-1), also known as CD91 and α2-macroglobulin receptor, is a type I membrane protein in the LDL receptor superfamily. It is expressed on neurons, hepatocytes, adipocytes, vascular smooth muscle cells, fibroblasts, keratinocytes, macrophages, and megakaryocytes.

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