

DESCRIPTION

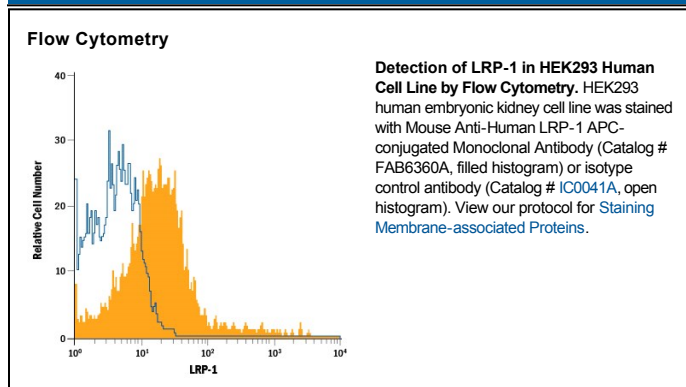
Species Reactivity	Human
Specificity	Detects human LRP-1 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) LRP-1 clusters 2, 3, or 4, rhLRP-4, rhLRP-5, rhLRP-5 intracellular domain, rhLRP-6, rhLRP-6 intracellular domain, or rhLRPAP is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 545503
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -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 μ L/10 ⁶ cells	See Below

DATA



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 α 2-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.