

Product Datasheet



Product Description

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| Product: | Anti Human VLDL receptor, clone 1H5 |
| Catalog Number: | IMA-1H5 |
| Description: | Monoclonal antibody produced in mouse. Useful for ELISA. Binds to an epitope on the C-terminus of VLDL receptor ligand binding domain (amino acids 191-355, UniProtKB: locus VLDLR_HUMAN, accession P98155) and blocks apoE4 binding. Purified by immobilized Protein A. IgG1 class. References: Functional domains of the very low density lipoprotein receptor: molecular analysis of ligand binding and acid-dependent ligand dissociation mechanisms. Mikhailenko I et al. Journal of Cell Science 112, 3269-3281 (1999). The apoE isoform binding properties of the VLDL receptor reveal marked differences from LRP and the LDL receptor. Ruiz J et al. Journal of Lipid Research 46, 1721-1731 (2005). |
| Recommended Storage: | -70 C |
| Shipping Conditions: | Dry ice |
| Minimum Shelf Life: | 5 years from delivery |

Technical Information

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|---------------------------------|--|
| Purity: | IgG fraction |
| Source: | Hybridoma cell culture |
| Molecular Weight: | 160,000 |
| Extinction Coefficient: | 1.36 |
| Antigen: | Recombinant fragment of soluble VLDL receptor containing ligand binding repeats 1-8 (sVLDLr1-8). |
| Target: | Recognises the C-terminus of VLDL receptor ligand binding domain (191-355) |
| Target Molecular Weight: | 85,000 |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Isotype: | IgG1 |
| Clone: | 1H5 |
| Applications: | ELISA, BL |
| Cross-reactivity: | Hu |

Sample Characteristics

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| Lot Number: | IMA-1H5-SAMPLE |
| Aliquot: | 1 x 1.0 mg |

Concentration: 2.0 mg/ml
Volume: 0.5 ml
Buffer: 0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6
Form: Frozen liquid

For In Vitro laboratory use only

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