

LRP1 monoclonal antibody, clone MA5A6

Catalog # MAB3820

Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against LRP1.
Immunogen	Human 85 kDa low density LRP1.
Host	Mouse
Theoretical MW (kDa)	~38
Reactivity	Human, Mouse, Rabbit
Specificity	This purified mouse monoclonal antibody cross reacts with human, mouse, and rabbit and is specific to the 85 KDa light chain of LDL Receptor-Related Protein (LRP).
Form	Liquid
Isotype	IgG2b
Recommend Usage	Western Blot (1-5 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium phosphate buffer, 150 mM NaCl, 1 mM EDTA, pH 6.6.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)

- Flow Cytometry

Gene Info — LRP1

Entrez GeneID	4035
Gene Name	LRP1
Gene Alias	A2MR, APOER, APR, CD91, FLJ16451, IGFBP3R, LRP, MGC88725, TGFBR5
Gene Description	low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor)
Omim ID	107770
Gene Ontology	Hyperlink
Other Designations	TbetaR-V/LRP-1/IGFBP-3 receptor alpha-2-macroglobulin receptor low density lipoprotein-related protein 1 type V tgf-beta receptor

Publication Reference

- [Expression of alpha 2-macroglobulin receptor/low density lipoprotein receptor-related protein and the 39-kd receptor-associated protein in human trophoblasts.](#)
 Coukos G, Gáfvels ME, Wisel S, Ruelaz EA, Strickland DK, Strauss JF 3rd, Coutifaris C.
 The American Journal of Pathology 1994 Feb; 144(2):383.
- [Apolipoprotein E in sporadic Alzheimer's disease: allelic variation and receptor interactions.](#)
 Rebeck GW, Reiter JS, Strickland DK, Hyman BT.
 Neuron 1993 Oct; 11(4):575.
- [Sequence identity between the alpha 2-macroglobulin receptor and low density lipoprotein receptor-related protein suggests that this molecule is a multifunctional receptor.](#)
 Strickland DK, Ashcom JD, Williams S, Burgess WH, Migliorini M, Argraves WS.
 The Journal of Biological Chemistry 1990 Oct; 265(29):17401.

 Application: ELISA, IP, WB-Ce, WB-Re, Human, Human gingival fibroblasts, Purified proteins

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