LRP1 monoclonal antibody, clone MA8G1

Catalog # MAB3822 Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against LRP1.
Immunogen	Human 515 kDa low density LRP1.
Host	Mouse
Reactivity	Human
Specificity	This monoclonal antibody is produced in a mouse ascites and is specific to the human heavy chain 5 15 KDa low density lipoprotein receptor-related protein (LRP). It is a useful marker for the characteriz ation of a subset of myelo-monocytic subtypes of chronic and acute leukemia (CD91).
Form	Liquid
Isotype	IgG1, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium phosphate buffer, 150 mM NaCl, pH 7.4
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry
- 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, Gåfvels ME, Wisel S, Ruelaz EA, Strickland DK, Strauss JF 3rd, Coutifaris C.

  The American Journal of Pathology 1994 Feb; 144(2):383.

  Application: IF, Human, Placental

- 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.

  Application: IHC, Human, Brain

- 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

Disease

- Alzheimer disease
- Amnesia

- Atherosclerosis
- Breast cancer
- Breast Neoplasms
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Cerebral Amyloid Angiopathy
- Cognition Disorders
- Coronary Artery Disease
- Coronary Disease
- Cystadenocarcinoma
- Dementia
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Diseases in Twins
- Edema
- Genetic Predisposition to Disease
- Glomerulonephritis
- Hyperlipoproteinemia Type II
- Kidney Failure
- Memory Disorders
- Metabolic Syndrome X
- Myocardial Infarction
- Neoplasms
- Neuropsychological Tests

- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Psychiatric Status Rating Scales
- Psychometrics
- Recurrence
- Thromboembolism
- Thrombosis
- Venous Thrombosis
- Werner syndrome