

Cat. No:	AB-84779
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human CD91. AA range:4486-4535.
Reactivity:	Human, Mouse
Applications:	Western Blot: 1/500 - 1/2000 Immunohistochemistry: 1/100 - 1/300 ELISA: 1/40000
Molecular Weight:	80kD
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Synonyms:	LRP1; A2MR; APR; Prolow-density lipoprotein receptor-related protein 1; LRP-1; Alpha-2-macroglobulin receptor; A2MR; Apolipoprotein E receptor; APOER; CD antigen CD91
Background:	<p>This gene encodes a member of the low-density lipoprotein receptor family of proteins. The encoded preproprotein is proteolytically processed by furin to generate 515 kDa and 85 kDa subunits that form the mature receptor (PMID: 8546712). This receptor is involved in several cellular processes, including intracellular signaling, lipid homeostasis, and clearance of apoptotic cells. In addition, the encoded protein is necessary for the alpha 2-macroglobulin-mediated clearance of secreted amyloid precursor protein and beta-amyloid, the main component of amyloid plaques found in Alzheimer patients. Expression of this gene decreases with age and has been found to be lower than controls in brain tissue from Alzheimer's disease patients.</p>
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.

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