

Mouse Monoclonal Antibody to LRP1

Catalogue Number	sAP-1188
Target Molecule	Name: LRP1 Aliases: APR; LRP; A2MR; CD91; APOER; LRP1A; TGFBR5; IGFBP3R MW: 50.5kDa Entrez Gene ID: 4035
Description	The protein encoded by this gene is an endocytic receptor involved in several cellular processes, including intracellular signaling, lipid homeostasis, and clearance of apoptotic cells. In addition, the encoded protein is necessary for the A2M-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 patients.;
Immunogen	Purified recombinant fragment of human LRP1 (AA: 20-155) expressed in E. Coli.
Recitative Species	Human;
Clone	MM3F12E2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Biol Chem. 2014 Feb 14;289(7):4135-44. ; 2.Aging (Albany NY). 2013 Nov;5(11):835-49.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**