

Datasheet for ABIN748988
anti-LRP1 antibody (AA 4451-4545)

4 Images

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Overview

Quantity:	100 µL
Target:	LRP1
Binding Specificity:	AA 4451-4545
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRP1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD91
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	LRP1
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Target Details

Alternative Name:	LRP1/CD91 (LRP1 Products)
Background:	<p>Synonyms: APR, LRP, A2MR, CD91, APOER, LRP1A, TGFBR5, IGFBP3R, Prolow-density lipoprotein receptor-related protein 1, LRP-1, Alpha-2-macroglobulin receptor, Apolipoprotein E receptor, LRP1</p> <p>Background: Endocytic receptor involved in endocytosis and in phagocytosis of apoptotic cells. Required for early embryonic development. Involved in cellular lipid homeostasis. Involved in the plasma clearance of chylomicron remnants and activated LRPAP1 (alpha 2-macroglobulin), as well as the local metabolism of complexes between plasminogen activators and their endogenous inhibitors. May modulate cellular events, such as APP metabolism, kinase-dependent intracellular signaling, neuronal calcium signaling as well as neurotransmission. Functions as a receptor for Pseudomonas aeruginosa exotoxin A.</p>
Gene ID:	4035
UniProt:	Q07954
Pathways:	Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

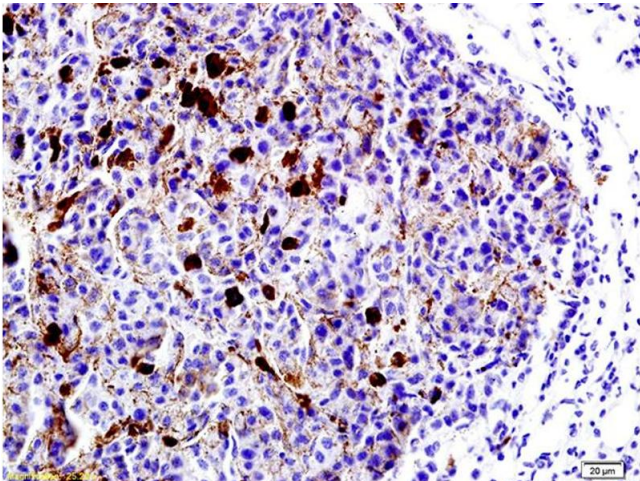
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

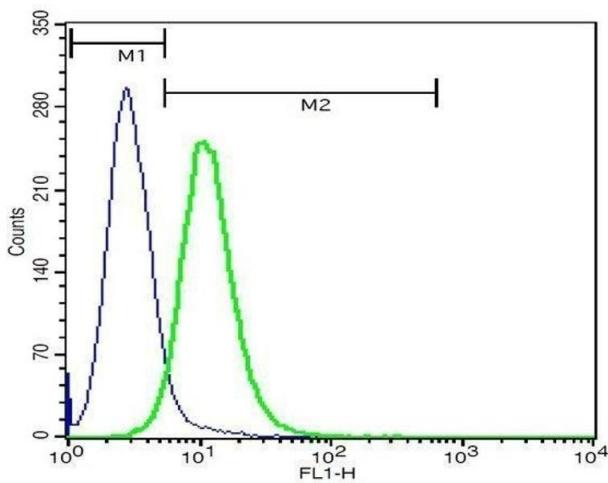
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



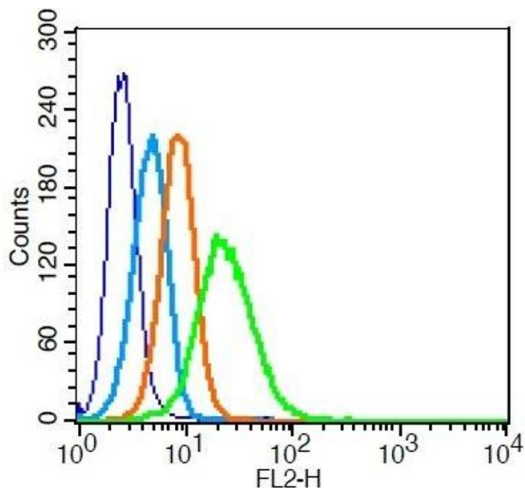
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse lung cancer labeled with Anti-LRP1/CD91 Polyclonal Antibody, Unconjugated (ABIN748988) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Flow Cytometry

Image 2. U937 cells probed with Rabbit Anti-LRP1/CD91 Polyclonal Antibody, FITC Conjugated .



Flow Cytometry

Image 3. Human U937 cells probed with LRP1/CD91 Polyclonal Antibody, Unconjugated at 1:100 for 30 minutes followed by incubation with a PE conjugated secondary (green) for 30 minutes compared to control cells (blue), secondary only (light blue) and isotype control (orange).

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN748988.