Datasheet for ABIN904753

anti-Leptin Receptor antibody (AA 901-1000) (Alexa Fluor 488)

1 Image

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Overview

Quantity:	100 µL
Target:	Leptin Receptor (LEPR)
Binding Specificity:	AA 901-1000
Reactivity:	Human, Mouse, Rat, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Leptin Receptor antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Leptin receptor:901-1000/1165
Isotype:	IgG
Specificity:	This antibody will recognize the Isoform B variant only
Cross-Reactivity:	Human, Mouse, Pig, Rat
Predicted Reactivity:	Dog,Cow,Sheep
Purification:	Purified by Protein A.

Target Details

Target:	Leptin Receptor (LEPR)

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Target Details

Alternative Name:	Leptin receptor (Isoform B) (LEPR Products)
Background:	Synonyms: OBR, OB-R, CD295, LEP-R, LEPRD, Leptin receptor, HuB219, OB receptor, LEPR, DB, LEPR_MOUSE Background: Receptor for obesity factor (leptin). On ligand binding, mediates signaling through JAK2/STAT3. Involved in the regulation of fat metabolism and, in a hematopoietic pathway, required for normal lymphopoiesis. May play a role in reproduction. Can also mediate the ERK/FOS signaling pathway (By similarity).
Gene ID:	3953
UniProt:	P48357
Pathways:	JAK-STAT Signaling, AMPK Signaling, Feeding Behaviour

Application Details

Application Notes:	FCM 1:20-100
	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:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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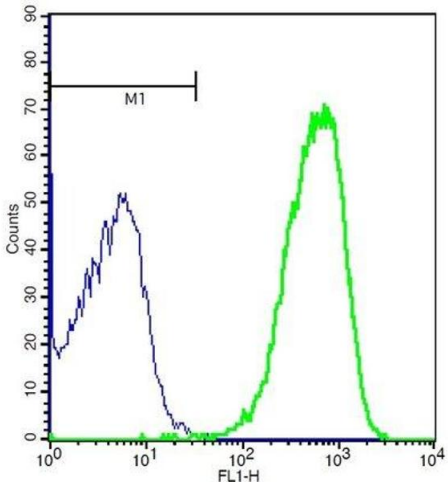

Flow Cytometry

Image 1. Mouse heptocytes cells probed with Rabbit Anti-Leptin Receptor Polyclonal Antibody, ALEXA FLUOR® 488 Conjugated (ABIN904753) at 1:100 for 40 minutes(green) compared to control cells (blue)