

## OLR1 / LOX-1 antibody [23C11]

Cat. No. GTX54456

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	ICC/IF, IHC-P, FCM, Neutralizing/Inhibition
Reactivity	Human, Mouse

## Package

50 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-P	Assay dependent
FCM	10 µg/ml
Neutralizing/Inhibition	Assay dependent

**Note : Antibody totally prevented Hsp70 binding to LOX-1-CHO but not mock-transfected CHO cells.**

Not tested in other applications.

## Product Note

The monoclonal antibody 23C11 recognizes oxidized low-density lipoprotein receptor-1 (LOX-1). Monoclonal antibody 23C11 neutralizes LOX-1 and inhibits Hsp70 binding to dendritic cells and Hsp70-induced antigen cross-presentation. In vivo, targeting LOX-1 with a tumor antigen using anti-LOX-1 antibody 23C11 induces anti-tumor immunity.

## Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Fusion protein of extracellular domain (aa 71-273) of human LOX-1 with murine Fcγ1 (LOX-1-muFc) produced in PEAK cells
Purification	Purified IgG1
Conjugation	Unconjugated

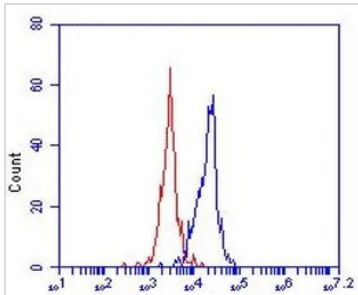


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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

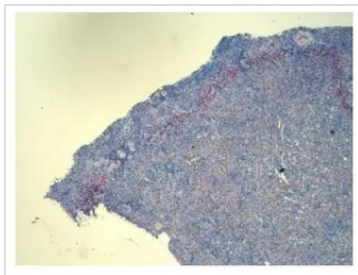
**DATA IMAGES**

**GTX54456 FCM Image**

FACS analysis of PBMC cells using GTX54456 OLR1 / LOX-1 antibody [23C11].

Red : Isotype control

Blue : Primary antibody

Dilution : 3 µg/ml


**GTX54456 IHC-P Image**

IHC-P analysis of human spleen tissue using GTX54456 OLR1 / LOX-1 antibody [23C11].

Dilution : 1:100



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