

## **MSR1 Antibody**

Rabbit mAb Catalog # AP91457

# **Specification**

### **MSR1 Antibody - Product Information**

Application WB
Primary Accession P21757
Reactivity Rat

Clonality Monoclonal

**Other Names** 

Macrophage scavenger receptor types I and II; Macrophage acetylated LDL receptor I and II;

Scavenger receptor class A member 1; CD204; MSR1; SCARA1;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 49762 Da

# **MSR1** Antibody - Additional Information

Dilution WB~~1:1000

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

MSR1

Description Membrane glycoproteins implicated in the

pathologic deposition of cholesterol in arterial walls during atherogenesis. Two types of receptor subunits exist. These receptors mediate the endocytosis of a diverse group of macromolecules,

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including modified low density lipoproteins

(LDL). Isoform III does not internalize

actetylated LDL.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

## **MSR1** Antibody - Protein Information

Name MSR1

Synonyms SCARA1

## **Function**

Membrane glycoproteins implicated in the pathologic deposition of cholesterol in arterial walls during atherogenesis. Two types of receptor subunits exist. These receptors mediate the endocytosis of a diverse group of macromolecules, including modified low density lipoproteins



(LDL) (PubMed:<a href="http://www.uniprot.org/citations/2251254" target="\_blank">2251254</a>). Isoform III does not internalize acetylated LDL (PubMed:<a href="http://www.uniprot.org/citations/9548586" target="\_blank">9548586</a>).

### **Cellular Location**

Membrane; Single-pass type II membrane protein.

### **Tissue Location**

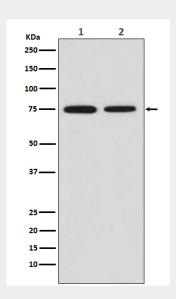
Isoform I, isoform II and isoform III are expressed in monocyte-derived macrophages. Isoform I and isoform II are expressed in the liver, placenta and brain.

# **MSR1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **MSR1** Antibody - Images



Western blot analysis of MSR1 expression in (1) HeLa cell lysate; (2) Mouse placenta lysate.