



# Rabbit Anti-CD68 monoclonal antibody, clone TO18-38 (CABT-L749)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	CD68
<b>Immunogen</b>	Recombinant protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Clone</b>	TO18-38
<b>Purification</b>	Protein A purified.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Molecular Weight</b>	37 kDa
<b>Cellular Localization</b>	Cell membrane, Endosome membrane, Lysosome membrane.
<b>Positive Control</b>	SH-SY-5Y.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
<b>Preservative</b>	0.05% Sodium Azide

**Storage**

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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## BACKGROUND

**Introduction**

CD68, also called Scavenger Receptor D1 (SR-D1) or macrosialin in mouse, is a 110 kDa type I transmembrane glycoprotein that belongs to the LAMP family of molecules. It contains a 300 amino acid (aa) extracellular region that is rich in threonine and serine, a likely attachment site for multiple carbohydrates. Human CD68 shares 74% aa sequence identity to mouse CD68 in the extracellular region. CD68 is found on monocytes and macrophages and serves as a scavenger receptor for oxidized LDL.

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**Keywords**

CD 68;CD68;CD68 antigen;CD68 molecule;CD68\_HUMAN;DKFZp686M18236;gp11;Gp110;LAMP4;Macrophage antigen CD68 (macrosialin);MACROPHAGE ANTIGEN CD68;Macrosialin;SCARD1;Scavenger receptor class D member 1 antibody

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## GENE INFORMATION

**Entrez Gene ID**

[5133](#)

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