



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

Target	CD68
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TO18-38
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB
Molecular Weight	37 kDa
Cellular Localization	Cell membrane, Endosome membrane, Lysosome membrane.
Positive Control	SH-SY-5Y.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	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.
Keywords	CD 68;CD68;CD68 antigen;CD68 molecule;CD68_HUMAN;DKFZp686M18236;gp11;Gp110;LAMP4;Macrophage antigen CD68 (microsialin);MACROPHAGE ANTIGEN CD68;Macrosialin;SCARD1;Scavenger receptor class D member 1 antibody

GENE INFORMATION

Entrez Gene ID	5133
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