

## Anti-CD68 Antibody (2Z630)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 37 kDa.
Clone:	2Z630
Purification:	ProA affinity purified

### Applications

Application:	WB
Recommended	WB: 1:1000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P34810
Synonyms:	CD68 molecule;SCARD1;GP110;LAMP4

### Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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