

## CD68

CONTACT INFORMATION:	University of Oxford marketed by Ximbio.com
TYPE:	mouse anti human
CLONE NAME:	Y1/82A
PROTEIN:	CD68
PROTEIN WEB:	<a href="https://www.omim.org/entry/153634">https://www.omim.org/entry/153634</a>
ANTIGEN USED:	Lysosomal contents of lung macrophages
FUSION PARTNER:	P3/NS1/1-Ag4.1
ISOTYPE:	IgG2a
SPECIES REACTIVITY:	Human
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze
COMMERCIALIZED BY:	Ximbio.com
APP RECOMMENDED:	FACS IHC IF WB

### DESCRIPTION

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CD68 is a 110 kD glycoprotein, also known as macrosialin, belonging to the sialomucin family. It is closely related to the family of acidic, highly glycosylated lysosomal-associated membrane proteins (LAMPs). CD68 is predominately expressed in cytoplasmic granules of monocytes/macrophages, dendritic cells, and granulocytes. It is one of the useful myeloid cell markers. Further studies have shown that CD68 is also expressed by a subset of hematopoietic progenitors, T cells, NK cells, LAK cells, subset of B cells, fibroblasts, and endothelial cells. The biological function of CD68 is still unknown.

### REFERENCES

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Br J Haematol. 1989 Sep;73(1):6-11.

A human macrophage-associated antigen (CD68) detected by six different monoclonal antibodies.

Micklem K1, Rigney E, Cordell J, Simmons D, Stross P, Turley H, Seed B, Mason D.

PMID: 2803980

<https://www.ncbi.nlm.nih.gov/pubmed/2803980>