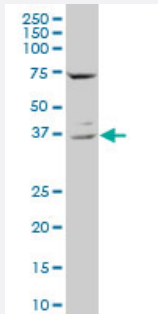


CD68 polyclonal antibody (A01)

Catalog # H00000968-A01

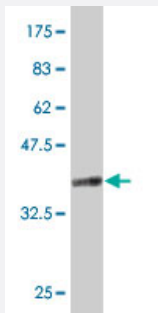
Size 50 uL

Applications



Western Blot (Tissue lysate)

CD68 polyclonal antibody (A01), Lot # 060717JCS1. Western Blot analysis of CD68 expression in human ovarian cancer.



Western Blot detection against Immunogen (37 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CD68.
Immunogen	CD68 (NP_001242, 164 a.a. ~ 262 a.a) partial recombinant protein with GST tag.
Sequence	NGSQPCVHLQAQIQIRV/MYTTQGGGEAWGISVLNPNKTKV/QGSCEGAHPHLLLSFPYGHLSFGFM QDLQQKVYLSYMAVEYNVSFPHAACKWTFSAQNA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (76)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

CD68 polyclonal antibody (A01), Lot # 060717JCS1. Western Blot analysis of CD68 expression in human ovarian cancer.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CD68

Entrez GeneID

[968](#)

GeneBank Accession#

[NM_001251](#)

Protein Accession#

[NP_001242](#)

Gene Name

CD68

Gene Alias

DKFZp686M18236, GP110, SCARD1

Gene Description

CD68 molecule

Omim ID

[153634](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq]

Other Designations

CD68 antigen|OTTHUMP00000135285|macrophage antigen CD68|macrosialin|scavenger receptor class D, member 1

Pathway

- [Lysosome](#)