

CD68, human recombinant protein
Macrosialin, GP110, LAMP4, SCARD1
Catalog # PBV10967r

Specification

CD68, human recombinant protein - Product info

Primary Accession	P34810
Concentration	1
Calculated MW	34.1 kDa (323 aa, 22-319 aa + His Tag), confirmed by MALDI-TOF. KDa

CD68, human recombinant protein - Additional Info

Gene ID	968
Gene Symbol	CD68
Other Names	
Macrosialin, GP110, LAMP4, SCARD1	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥85%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHPLHHH SSGLVPRGSH MGS HMNDCPH KKSATLLPSF TVTPTVTEST GTTSHRTTKS HKTTTHRTTT TGTTS HGPTT ATHNP TTTSH GNVT VHPTSN STATSQGPST ATHSPATTSH GNATVHPTSN STATSPGFTS SAHPEPPPPS PSPSPTSKET IGDYTW TNGS QPCVHLQAQI QIRVMYTTQG GGEAWGISVL NPNKTKVQGS CEGAHPHLLL SFPYGHLSFG FMQDLQQKVV YLSYMAVEYN VSFPHAAQWT FSAQNASLRD LQAPLGQSFS CSNSSIILSP AVHLDLLSLR LQA AQLPHTG VFGQSFSCPS DRS

Target/Specificity
CD68

Format
Liquid

Storage
-80°C; 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 1 M Urea and 10% glycerol.

CD68, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD68, human recombinant protein - Images

CD68, human recombinant protein - Background

Macrosialin, also known as CD68, is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. It is found in cytoplasmic granules and in the cytoplasm of various non-hematopoietic tissues including liver and kidney tubules and glomeruli. CD68 is also found, to a lesser extent, on the surface of macrophages, monocytes, neutrophils, basophils and large lymphocytes. Recombinant human CD68 protein, fused to His-tag at N-terminus, was expressed in E.coli.

CD68, human recombinant protein - References

Holness C.L.,et al.Blood 81:1607-1613(1993).
Kalnine N.,et al.Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Zody M.C.,et al.Nature 440:1045-1049(2006).