Anti-CD68 [Y-2/131/47] rAb

Catalogue number: 154815
Sub-type:
Images:

Contributor

Inventor:
Institute: Absolute Antibody ; University of Oxford
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD68 [Y-2/131/47] rAb

Alternate name: CD68 Molecule; CD68 Antigen; Macrophage Antigen CD68; GP11; Scavenger Receptor Class D; Member; Scavenger Receptor Class D; SCARD1; LAMP4

Class: Recombinant
Conjugate: Unconjugated
Description: CD68 is a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. CD68 is a member of a family of hematopoietic mucin-like molecules that includes leukosialin/CD43 and stem cell antigen CD34.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Phytohaemagglutinin-activated peripheral blood mononuclear cells
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: CD68

Target alternate names:

Target background: CD68 is a 110-kD transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. CD68 is a member of a family of hematopoietic mucin-like molecules that includes leukosialin/CD43 and stem cell antigen CD34.

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS (0.1M) + 0.5M imidazole at pH 7.4. This product was purified using affinity chromatography (protein A)
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: A human macrophage-associated antigen (CD68) detected by six different monoclonal antibodies. ; Caete et al. 2015. Arthritis Res Ther. 17:173. PMID: 26156866. ; CD68 reactivity of non-macrophage derived tumours in cytological specimens. ; Conrad et al. 2015. Arthritis Res Ther. 17:179. PMID: 26178906. ; Distribution of the CD68 macrophage/myeloid associated antigen. ; Doussis et al. 1993. J Clin Pathol. 46(4):334-6. PMID: 7684403. ; Ectopic lymphoid neogenesis is strongly associated with activation of the IL-23 pathway in rheumatoid synovitis. ; In vivo pre-activation of monocytes in patients with axial spondyloarthritis. ; KP1: a new monoclonal antibody that detects a monocyte/macrophage associated antigen in routinely processed tissue sections. ; MacParland et al. 2017. ACS Nano. :. PMID: 28040885. ; Micklem et al. 1989. Br J Haematol. 73(1):6-11. PMID: 2803980. ; Phenotype Determines Nanoparticle Uptake by Human Macrophages from Liver and Blood. ; Pulford et al. 1989. J Clin Pathol. 42(4):414-21. PMID: 2654191. ; Pulford et al. 1990. Int Immunol. 2(10):973-80. PMID: 2078523. ; Shenoy et al. 2019. Microbiome. 7(1):37. PMID: 30857553. ; Lee et al. 2018. Sci Rep. 8(1):15076. PMID: 30305672. ; Ferguson et al. 2018. Front Immunol. 9:1802. PMID: 30127787.