

Anti- CD68 Rabbit pAb

货号: PN0067

产品信息

全称	Anti-CD68 Antibody
别名	CD68; CD68 molecule; GP110; Macrosialin; SCARD1
抗体来源/类型	Rabbit Polyclonal
交叉反应	Mouse, Rat
产品应用	WB: 1:500-1:2000 IHC/IF: 1: 50-1:400 Flow Cyt (Intra): 1:50-1:200
理论分子量	37kDa
细胞定位	细胞膜
性状	Liquid
浓度	500ug/ml
免疫原	A synthetic peptide corresponding to a sequence in the middle region of mouse CD68, different from the related rat sequence by one amino acid.
亚型	IgG
纯化方法	Immunogen affinity purified.
缓冲液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol, 0.05% BSA
保存条件	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
注意事项	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

背景

CD68, cluster of differentiation, 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. The CD68 gene is mapped to 17p13.1. Immunohistochemistry can be used to identify the presence of CD68, which is found in the cytoplasmic granules of a range of different blood cells. It is particularly

useful as a marker for the various cells of the macrophage lineage, including monocytes, histiocytes, giant cells, Kupffer cells, and osteoclasts. This allows it to be used to distinguish diseases of otherwise similar appearance, such as the monocyte/macrophage and lymphoid forms of leukaemia (the latter being CD68 negative). Its presence in macrophages also makes it useful in diagnosing conditions related to proliferation or abnormality of these cells, such as malignant histiocytosis, histiocytic lymphoma, and Gaucher's disease.

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