



Anti-CD68 monoclonal antibody, clone Ki-M7 [FITC] (CABT-46602MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

Mouse anti Human CD68 antibody, clone Ki-M7 recognizes the 110KD integral membrane glycoprotein CD68 (Macrosialin) predominantly expressed on the intracellular lysosomes of macrophages/monocytes, including Kupffer cells, microglia, histiocytes and osteoclasts, and is expressed to a lesser extent by dendritic cells and peripheral blood granulocytes. Elevated expression of CD68 has been demonstrated on CD34+ cells in various human malignancies, including Acute Myeloid Leukemia. In immunohistochemical studies, CD68 can be used to aid in the identification of blastic NK lymphomas, some B cell lymphomas, and to help diagnose disorders relating to macrophage abnormalities, including malignant histiocytosis and Gaucher's disease. Clone Ki-M7 has also been reported as being suitable for use in immunoprecipitation studies. Flow Cytometry Use 20ul of the suggested working dilution to label 106 cells in 100ul.

Specificity	CD68
Immunogen	Human lymph node tissue.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	Ki-M7
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 tests

Preservative	0.09% Sodium Azide
Storage	Store at 4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CD68 CD68 molecule [Homo sapiens (human)]
Official Symbol	CD68
Synonyms	CD68; CD68 molecule; GP110; LAMP4; SCARD1; macrosialin; CD68 antigen; macrophage antigen CD68; scavenger receptor class D, member 1;
Entrez Gene ID	968
Protein Refseq	NP_001035148
UniProt ID	P34810
Chromosome Location	17p13
Pathway	Lysosome;