

CD68 (AB1512) mouse mAb

W0468

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; WB; IF; ELISA

MW

- 35 kDa (calculated)
- 100-110 kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1512

Immunogen A synthetic peptide corresponding to the amino acid region 250 - 354 of the human CD68 protein.

Specificity The antibody can specifically recognize human CD68 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CD68

Protein Name CD68

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P34810	968

Background CD68 is a glycoprotein with a molecular weight of about 110 kDa, which is located in the cytoplasm. It is expressed in monocytes, macrophages, histiocytes, large lymphocytes and osteoclasts. CD68 is mainly used to label macrophages, histiocytes and their tumors. Clinically, it is used to diagnose fibrous histiocytoma, histiocytosis and other diseases with rich histiocytes.