

## CD68 (AB1512) mouse mAb

V0035

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human;

#### Applications

- Immunohistochemistry (IHC)

#### MW

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

#### Isotype

- IgG1, kappa

### Recommended Dilution Ratios

#### Application

Immunohistochemistry (IHC)

#### Dilution

IHC, 1:50-1:200

### 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

Human

#### Swiss Prot.

P34810

#### Gene ID

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.