

## Lysozyme (AB1347) mouse mAb

W0360

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human; Mouse; Rat;

#### Applications

- IHC; WB; IF; ELISA

#### MW

- 17 kDa (calculated)
- 17 kDa (observed)

#### Isotype

- IgG3, 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  | AB1347                                                                                            |
| Immunogen     | A synthetic peptide corresponding to the amino acid region 1 - 100 of the human Lysozyme protein. |
| Specificity   | The antibody can specifically recognize human Lysozyme 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     | LYZ      |             |         |
| Protein Name  | Lysozyme |             |         |
| Database Link | Organism | Swiss Prot. | Gene ID |
|               | Human    | P61626      | 4069    |

|            |                                                                                                                                                                                                                                                                                                                  |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background | Lysozyme is a marker of tissue cells, which is expressed in tissue cells, granulocytes and monocytes. It is mainly used for the diagnosis of histiocytoma, malignant fiber group, malignant histiocytosis and histiocytic malignant lymphoma. It is usually combined with AACT and CD68 to improve its accuracy. |
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