



## Polyclonal Antibody to **LYSOZYME**

### *Technical Data Sheet*

#### Reagent Category

Polyclonal primary antibody to  
Lysozyme

#### Antibody Formats Supplied

- 7 ml of anti Lysozyme, Ready-To-Use
- 0.2 ml of anti Lysozyme, Concentrate

PRODUCT# IMI26361E (Ready-To-Use)

PRODUCT# IMI26352E (Concentrate)

---

**SOURCE:** Rabbit

**IMMUNOGEN:** purified human muramidase

**POSITIVE CONTROL TISSUE:** Tonsil

#### **REACTIVITY**

This antibody reacts with human bacteriolytic substance of muramidase, the immunohistochemical staining of human tissue sections with this antibody has been shown to be useful in differentiating histocytic tumors from lymphoreticular cases of similar morphologies. This antibody has also been used distinguish myelocytic or monocytic nature of the blast cells in acute leukemia. This antibody is suitable for use on routinely fixed paraffin embedded and frozen sections. This antibody is compatible with formalin fixative as well as most commonly used histological fixatives.

#### **Antibody FORMATS, DILUTIONS and INCUBATIONS**

Affinity purified polyclonal anti human Lysozyme antibody is provided in phosphate buffered saline pH 7.4 containing bovine serum albumin (BSA) and 0.1% sodium azide.

**7 ml of pre-diluted, Ready-to-Use, Do not dilute. Incubate for 10-30 minutes** (incubation time range indicates the strength of the secondary staining system employed. **When staining with INNOVEX detection system, 10 min. incubation time will be sufficient.**

**0.2 ml of concentrate; for 10-minute incubation, dilute 1:50-1:100.** The optimal incubation time the working titer should be determined by the end user.

The above dilutions and incubation times were derived by the use of Innovex STAT-Q and HISTO-STAT detection systems and the use of Enhancing wash buffer (see special usage guidance below). For less sensitive detection systems these dilution factors may vary and they should be determined by the end user for specific detection system employed.

#### **SPECIAL USAGE GUIDANCE**

No pre-treatment is necessary, however, the use of **Innovex signal-Enhancing Wash Buffers** (Item#: IMI00396E for Immuno-Peroxidase staining and Item#: IMI00596E for Immuno-Alkaline-phosphatase) in place of PBS or Tris buffer for the rinsing steps in between the incubation steps is **highly recommended**. The use of enhancing buffer **amplifies staining signal, eliminates the need for enzyme digestion pre treatment, heat application** (retrieval procedure) and **shortens the incubation time for the primaries antibodies**.

**CONTINUED OVER**



# American MasterTech

scientific laboratory supplies

POST OFFICE BOX 2539 LODI, CALIFORNIA 95241 TELEPHONE: 1 (800) 860 4073 FACSIMILE: 1 (209) 368 4136

## **APPLICATIONS**

This antibody is intended for use in immunolocalization of human Lysozyme antibody by a variety of immunoassays such as Immunochemistry, fluorescent labeling, ELISA, Immunoblotting and dot blotting. In immunochemistry, this antibody can be used in staining routinely fixed paraffin embedded or frozen histological sections of human tissues for the purpose of quantitative localization of human Lysozyme antibody. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

## **SPECIES REACTIVITY**

This antibody reactivity with human tissues has been substantiated, other species reactivity may be characterized by the end user.

## **STORAGE CONDITIONS**

Store in refrigerator at 2-8°C through expiration date noted on the vial.

## **IMPORTANT NOTE:**

**The interpretation of test results is the sole responsibility of the end user.**

***FOR IN VITRO RESEARCH USE ONLY***