



## Monoclonal Antibody to **PARATHYROID HORMONE**

### *Technical Data Sheet*

#### Reagent Category

Monoclonal primary antibody to  
Parathyroid hormone

#### Antibody Formats Supplied

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

**PRODUCT#:** IMI28361E (Ready-To-Use)

**PRODUCT#:** IMI28352E (Concentrate)

**IMMUNOGEN:** Parathyroid hormone receptor 1

**SOURCE:** Rabbit

**POSITIVE CONTROL TISSUE:** Parathyroid gland

#### **REACTIVITY**

This parathyroid hormone antibody reacts with parathyroid hormone receptor 1 (PTHR1). PTHR1 is expressed in a variety of tissues such as uterus, kidney, liver, placenta, breast, bone, colon, skin, B cells, testes, lungs and heart. This antibody is applicable to all immunoassays and it 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 (see special usage guidance of this data sheet).

#### **Antibody FORMAT, DILUTIONS and INCUBATIONS**

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

**7 ml of Ready-to-Use, Do not dilute. Incubate for 10-30 minutes. This antibody best stains when formalin fixed paraffin embedded sections are retrieved.**

*For Background-Free, gentle retrieval, Innovex Uni-Trieve (60°-70°C) universal retrieval solution is highly recommended. To retrieve with Uni-Trieve: Warm up water bath to 60°-70°C and fill a slide holding container with Uni-Trieve solution. Place slides in a slide rack and immerse slides in a vessel or a coplin jar containing Uni-Trieve solution, bring the solution and slides to 60°-70°C and let slides incubate at 60°-70°C for 30 minutes. Rinse slides with 2 quick changes of water; No cooling period is required. Proceed with immunostaining.*

**0.2 ml of Concentrate; Dilute 1:40 For 30 minute incubation for paraffin embedded sections,** for longer incubation time the working titer must be determined by the end user. **This antibody best stains when formalin fixed paraffin embedded sections are retrieved.**

*For Background-Free, gentle retrieval, Innovex Uni-Trieve (60°-70°C) universal retrieval solution is highly recommended. To retrieve with Uni-Trieve: Warm up water bath to 60°-70°C and fill a slide holding container with Uni-Trieve solution. Place slides in a slide rack and immerse slides in a vessel or a coplin jar containing Uni-Trieve solution, bring the solution and slides to 60°-70°C and let slides incubate at 60°-70°C for 30 minutes. Rinse slides with 2 quick changes of water; No cooling period is required. Proceed with immunostaining.*

*The above dilutions and incubation times were derived by the use of Innovex STAT-Q 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.*

**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 parathyroid hormone receptor 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 or animal tissues for the purpose of qualitative or quantitative localization of parathyroid hormones. 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 PROFESSIONAL AND RESEARCH USE ONLY**