



Polyclonal Antibody to **FERRITIN**

Technical Data Sheet

Reagent Category

Polyclonal primary antibody to human Ferritin

PRODUCT# IMI23061E (Ready-To-Use)

PRODUCT# IMI23052E (Concentrate)

Specific Reagents Supplied

7 ml of anti human Ferritin, Ready-To-Use

0.2 ml of anti human Ferritin, Concentrate

HOST SPECIES/SOURCE: Rabbit

IMMUNOGEN: Purified human ferritin

REACTIVITY

This antibody is reactive with ferritin, an iron storage protein found in liver, spleen and intestinal mucosa. This antibody is suitable for use on routinely fixed paraffin embedded and frozen sections and cytospin preparations.

POSITIVE CONTROL TISSUE: Liver/spleen

STAINING PATTERN: Cytoplasmic staining

PRODUCT FORMATS, DILUTION and INCUBATION

This **Affinity purified** polyclonal anti ferritin antibody is provided in phosphate buffered saline pH 7.2 with bovine serum albumin and 0.05% sodium azide. This antibody is available in:

7 ml pre-titered, Ready- to- Use, Incubate for 10 minutes.

0.2 ml Concentrate; for 10-30 minute incubation dilute 1:50-1:100; For 1 hour to overnight incubation the **dilution factor 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 . For less sensitive staining system systems the above dilution factors may vary and they should be determined by the end user for specific staining system employed.

APPLICATIONS

This antibody is intended for use in staining ferritin protein in routinely fixed tissues and cell preparations. This antibody can also be used for quantitative Elisa and flow cytometric assays in the indirect method.

CONTINUED OVER



SPECIAL USAGE GUIDANCE

No-pre treatment is necessary, however, for best staining result **the use of Innovex STAT-Q staining system and Innovex Signal-Enhancing Wash Buffers** (Item#: IMI00396E for Immuno-Peroxidase staining and Item#: IMI00596E for Immuno-Alkaline-phosphatase) in place of PBS or tris buffers for the rinsing steps in between the incubation steps is **highly recommended**. The use of Innovex STAT-Q staining system and Innovex Signal Enhancing Wash Buffer **amplify staining signal, eliminate the need for enzyme digestion pre treatment or heat application** (retrieval procedure), **minimize false negative results, allows a 2-4 fold increase in primary antibody dilution and shortens the required incubation time for the primary antibodies without addition of any extra steps to immunostaining procedures.**

APPROPRIATE NEGATIVE CONTROL SERA for staining negative control slide

Employ purified immunoglobulin free normal rabbit sera at 1-5 ug/ ml in place of primary antibody when staining negative control slides for this antibody. Observe the same incubation time for negative control sera and primary antibody.

SPECIES REACTIVITY

This antibody is reactive with human tissue and cells has been substantiated. Other species reactivity may be determined 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