



## Polyclonal (Rabbit) Antibody to Human Transferrin

### *Technical Data Sheet*

#### Reagent Category

Polyclonal primary antibody to Transferrin

PRODUCT# IMI30861E (Ready-To-Use)

PRODUCT# IMI30852E (Concentrate)

#### Antibody Formats Supplied

7 ml of anti Transferrin, Ready-To-Use

0.2 ml of anti Transferrin, Concentrate

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**SOURCE:** Rabbit

**IMMUNOGEN:** Purified human transferrin

#### **REACTIVITY**

This polyclonal rabbit anti Transferrin fractionated contains the immunoglobulin fraction of antiserum. The purity of this antibody is determined by immunoelectrophoresis. This antibody is immunospecific for transferrin and it reacts with human transferrin and it does not react with normal human serum. This antibody is suitable for use on routinely fixed paraffin embedded and frozen sections and it is compatible with formalin fixed tissues and other commonly used histological fixatives.

**POSITIVE CONTROL TISSUE:** Liver

**STAINING PATTERN:** Cytoplasmic

#### **Antibody FORMAT, DILUTION and INCUBATION**

This affinity purified polyclonal rabbit anti Transferrin antibody is provided in phosphate buffered saline pH 7.2 containing bovine serum albumin (BSA) and 0.05% sodium azide.

7ml of pre-titered, Ready-To-Use; **Do not dilute.** Incubate for 30 minutes to one hour.

0.2 ml of concentrated: The suggested starting dilution for 30-minute incubation is 1:50 for paraffin sections and 1:100 for frozen sections. The ultimate working dilution and incubation time must be determined by the end user for the incubation time and the secondary reagents employed.

*The above dilutions and incubation times were derived by the use of Innovex STAT-Q detection system. 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 buffer in place of PBS or Tris buffer for the rinsing steps (Item#: IMI00396E for Immuno-Peroxidase staining and Item#: IMI00596E for Immuno-Alkaline-phosphatase) is highly recommended. The use of Enhancing wash buffer greatly enhances staining signals even on antigenically weak tissues or for overfixed tissues

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## **APPLICATIONS**

This antibody is intended for use in immunolocalization of transferrin in human or animal tissue 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 for the purpose of qualitative localization of transferrin antigens. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

## **SPECIES REACTIVITY**

This antibody reactivity with human 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***