General Bioscience

Product Data Sheet

TruVision™ Anti-Rabbit Poly-HRP IHC Kit
Catalog number : IHC-500

Product No. IHC-200-15
Product No. IHC-200-60

Introduction

The Poly-HRP conjugates are produced based on our unique approach in which the polymerized peroxidase are attached to the detection antibodies. The resulting conjugates offer an outstanding clean staining performance, and also have the permeability to penetrate to the target sites in tissue sections. By avoiding use of the biotin-(strept)avidin complex or linear polymer molecules, the Poly-HRP conjugates have a potential benefit of the reduction of non-specific bindings in immunohistochemistry (IHC) or chromogenic *in situ* hybridization (CISH) staining.

This TruVision™ IHC detection kit is designed for use with rabbit primary antibodies to detect the target protein markers in human tissue sections.

Kit Contents

Components	15 ml kit	60 ml kit
Reagent A: Blocking Reagent	15 ml	60 ml
Reagent B: Poly-HRP Conjugates	15 ml	60 ml

Intended Use

For Research Use Only

Applications

- FFPE/Frozen Tissue section
- Cell specimens

Storage and Stability

Store at 2-8 °C. Do not freeze. All components in the kit are stable for at least 1 year after received.

Instruction

Before beginning the staining procedure, the tissue sections should be treated via **deparaffin/rehydration** and **antigen retrieval** process. The endogenous peroxidase can be blocked with 0.3 % H_2O_2 in TBS wash buffer. (incubate for 20 min at room temperature). Rinse 3 times with wash buffer after the blocking. Do not allow tissue sections to dry out during the staining procedure.

Staining Procedure:

1. Apply **Reagent A** (blocking reagent) to the sections, incubate for 20 min at room temperature.
2. Drain slides to remove the blocking solution and wipe around the sections with tissue paper.
3. Apply rabbit primary antibody and incubate for 30-60 min at room temperature (or follow the instruction provided by primary antibody suppliers).
4. Rinse off the excess primary antibody with wash buffer, 3 x 2 min, with gentle agitation. Wipe around the sections with tissue paper.
5. Apply **Reagent B** (poly-HRP conjugate) to the slide, incubate for 10 - 20 min at room temperature.
6. Rinse off the excess primary antibody with wash buffer, 3 x 2 min, with gentle agitation. Wipe around the sections with tissue paper.
7. Apply peroxidase chromogen substrate.
8. (Optional) Counterstain and coverslipping.

100 North Hill Drive, Suite 14, Brisbane, CA 94005 **Telephone:** (800) 881-7734 **Fax:** (415) 468-2700 **website:** http://www.general-bioscience.com