

## PolyVision™ Polymer HRP System

### Goat Anti Mouse IgG(H+L)-S

*For Research Use Only*

**Catalog Number:**

RS0009-3mL

RS0009-10mL

RS0009-100mL

**Storage:**

Store at 2-8°C.

**Intended Use:**

This system is intended for use with mouse primary antibodies and appropriate chromogens in IHC staining procedures to recognize target antigens in formalin-fixed, paraffin-embedded tissue sections.

**Principle of Procedure**

PolyVision™ Polymer HRP Goat Anti Mouse IgG (H+L)-S is a biotin-free polymer detection system designed to detect target proteins combined with mouse primary antibodies in a simplified one-step incubation assay, forming a polymer-based antibody-HRP complex. HRP catalyzes the oxidation of the chromogenic substrate 3,3'-diaminobenzidine (DAB) to produce an insoluble brown precipitate that labels the localization of the target antigen, allowing visualization under a microscope.

**Reagent provided**

Buffered solution containing stabilizing protein and an antimicrobial agent.

**Procedure:**

1. After incubating with the primary mouse antibody, rinse the slides with wash buffer 4 times, for 5 minutes each.
2. Apply the PolyVision™ Polymer HRP Goat Anti Mouse IgG(H+L)-S to cover the tissue sections. Incubate in a humidified chamber for 30 minutes at room temperature.
3. Rinse the slides with wash buffer 4 times, 5 minutes each.
4. Add the chromogen solution to cover the tissue and observe the color development by eye or under a light microscope. When the desired color intensity is reached, end the reaction by rinsing the slides with distilled water.
5. Proceed with IHC staining following the standard protocol.

**Precautions**

1. For professional users.
2. PolyVision™ Polymer HRP Goat Anti Mouse IgG(H+L)-S contains material of animal origin and it cannot be excluded that trace amounts of human material could be present due to manufacturing procedures. As with any product derived from biological sources, proper handling should be used in accordance with local requirements.
3. Wear appropriate Personal Protective Equipment when handling reagents to avoid contact with eyes, skin and mucous membranes. If contact occurred, wash the contacted area with copious amounts of water immediately.
4. This product contains Proclin 300, a chemical classified as an irritant and may cause sensitization through skin contact. Use protective clothing and gloves when handling.
5. Use proper procedures when handling products derived from biological sources.
6. Avoid microbial contamination which could lead to incorrect results.
7. Materials of human or animal origin should be handled as biohazardous materials and disposed of according to local, State and Federal regulations.
8. Consult local authorities when dispose of unused solution.

To obtain the Safety Data Sheet (SDS) for this product, kindly reach out to our technical support team at [tech@immunoway.com](mailto:tech@immunoway.com).