

Goat Probe

Product name: Goat Probe

Catalog No. : TA00C1

FORM: Liquid. Ready-to-use. For research use only.

CONTENTS:

KIT CONTENTS:	Description	Format	Recommend time
Hi-effect Immunoblock II	PBS solution, pH 7.6, with 0.5% BSA, and less than 0.1% sodium azide.	Ready to Use	10-30 minutes.
Goat Probe	Goat IgG (H+L) fragment in PBS , and less than 0.1% sodium azide.	Ready to Use	10 minutes.

Contains goat serum specific reactive with goat IgG (H+L) fragment in PBS, and 0.05% NaN₃ as a preservative.

Purity: The antibody was isolated from antisera by a combination of pepsin digestion and immunoaffinity chromatography using antigens coupled to agarose beads. Fc fragments and whole IgG molecules have been removed.

Antibody Specificity: Based on immunoelectrophoresis, the antibody reacts with the heavy chains on goat IgG and with light chains common to most goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins, but the antibody may cross-react with immunoglobulins from other species.

INTENDED USE:

Goat probe is designed for Immunohistochemistry or Immunocytochemistry to reactive with goat primary antibodies. This reagent is optimized for the Mouse / Rabbit HRP detection systems. Use of the Goat Probe reagent with other reagents must be optimized by the user.

Note: Use of BSA and/or dry milk to block or dilute these antibodies and/or your primary antibody may significantly increase background and/or reduce goat probe titer.

Procedure:

1. Prepare sample as normal, including any avidin / biotin blocking, peroxidase

- quenching, or Antigen Recovery steps.
2. Apply Hi-effect Immunoblock II and incubate for 10 to 30 minutes to block non-specific background staining. (Depend on different tissue to adjust and raise the temperature to 37°C or reaction time can enhance the block effect.) Wash 2 times in PBS buffer.
 3. Cover sample with your primary antibodies from goat and follow the normal protocol by the user. Rinse well with PBS (3 times at 2 minutes each).
 4. Cover sample with Goat probe reagent before the Mouse / Rabbit HRP detection system for 10 minutes.
 5. Rinse well with PBS (3 times at 2 minutes each).
 6. Follow the Mouse / Rabbit detection system protocol below.

PROCEDURE:

- prepare sample as normal, including any avidin/biotin blocking, peroxidase quenching, or Antigen Recovery steps.
- Cover sample with your primary antibodies from goat and follow the normal protocol by the user. Rinse well with PBS (3 times at 2 minutes each).
- Cover sample with Goat probe reagent before the Mouse/Rabbit ImmunoDetector or PolyDetcetor kits for 10 minutes.
- Rinse well with PBS (3 times at 2 minutes each).
- Follow the Mouse/Rabbit ImmunoDetector or PolyDetcetor kits protocol below.

STORAGE: Store the reagent at 4°C. DO NOT FREEZE.