

Code No. 17249

**Anti-Human
Kappa Light Chain Goat IgG Biotin (Monkey Absorbed)**

Volume : 100 µg

Introduction : Anti-Human IgG (goat IgG) is often used as a secondary antibody for the detection of Human IgG. Following recent advances in the development of antibody-based therapy, such as the development of Human antibodies, this secondary antibody has been used for the purpose of investigating metabolism in the living body following administration of this antibody.

In studies using monkeys, conventional anti-Human IgG (goat IgG) antibody tends to cross-react with the monkey's own antibodies and that makes it difficult to achieve highly specific detection of the administered antibody. To overcome this problem, we have incorporated the additional step of absorption with monkey IgG. This antibody is expected to minimize non-specific reaction even when it is used for ELISA with monkey blood samples, and also make it possible to detect the human antibody in a concentration range that is difficult to detect with conventional secondary antibodies.

Antigen : Purified Human Kappa light chain

Purification : Affinity Purified with Human IgG and absorbed with Monkey IgG

Label : NHS-LC-Biotin

Form : Lyophilized product from 1 % BSA in PBS containing 0.05 % NaN₃

How to use : 1.0 mL deionized water will be added to the product

Stability : Lyophilized product, 5 years at 2 - 8 °C
: Solution, 2 years at -20 °C

Application : This antibody can be used for ELISA in concentration of 1 - 5 µg/mL
: This antibody can be used for immunohistochemistry in concentration of 1 - 5 µg/mL
: This antibody can be used for western blotting in concentration of 1 - 5 µg/mL (Dilution rate should be optimized when used with luminescent detection method)

Specificity : Human IgG 100 %
Monkey IgG less than 0.1 %

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