

Mouse Anti-Human IgG Fab Antibody [HRP], mAb

Abbreviated name-1: Anti-Human IgG Fab Monoclonal Secondary Antibody (Min X Ms, Rt, Rb, Ch, Gt)

PRODUCT INFORMATION

Description

Generally, goat anti-human or donkey anti-human IgG polyclonal antibodies are used as the secondary antibody to detect human IgG (H+L). However, since the polyclonal antibodies can recognize many epitopes, the background and the cross reactivity in the assays is usually high, making the results hard to interpret. As mouse monoclonal antibody, the unique **GenScript Mouse Anti-Human IgG Fab Antibody (12H3C4A6)[HRP], mAb** has the high specificity to human IgG Fab portion and can be used to detecting the human antibody which including the human IgG Fc portion.

Specificity

GenScript Mouse Anti-Human IgG Fab Antibody (12H3C4A6)[HRP], mAb reacts with the Fab portion of human IgG but not with the Fc portion of human IgG. The monoclonal antibody has no cross-reactivity with mouse, rat, rabbit, chicken or goat immunoglobulins.

Formulation

Supplied in PBS (pH 7.4), 10 mg/ml BSA, 0.01% thimerosal and 50% glycerol. (It could be customized for bulk order)

Storage

GenScript Mouse Anti-Human IgG Fab Antibody (12H3C4A6)[HRP], mAb should be stored at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.

Applications

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by primary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Western Blotting: 1:5,000-1:20,000

ELISA: 1:5,000-1:20,000

Immunohistochemistry: user-optimized

Optimal working dilutions must be determined by the end user.

Cat. No.: A01855-200

Host: Mouse

Size: 200 µl

Immunogen: Human IgG(H&L)

Ig Subclass: IgG1,κ

Clone: 12H3C4A6

Purification: Protein A affinity column

Conjugation: HRP

Version: 03/16/2017

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