

# Mouse Anti-Rabbit IgG Fc Antibody (14H9H10) [HRP], mAb

Cat. No.: A01856

## Overview

<b>Specificity</b>	GenScript Mouse Anti-Rabbit IgG Fc Antibody (14H9H10)[HRP], mAb reacts with the Fc portion of rabbit IgG but not with the Fab portion of rabbit IgG. The monoclonal antibody has no cross-reactivity with human, mouse, rat, sheep, bovine, goat or camel immunoglobulins.
<b>Host Species</b>	Mouse
<b>Immunogen</b>	Rabbit IgG(H&L)
<b>Conjugate</b>	Horseradish peroxidase (HRP)

## 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. Optimal working dilutions must be determined by the end user.

<b>Application</b>	<b>Recommended Usage</b>
Western Blot	1:20,000-1:40,000
ELISA	1:20,000-1:40,000
Immunohistochemistry (IHC)	User-optimized

## Properties

<b>Form</b>	Liquid
<b>Storage Buffer</b>	Supplied in PBS (pH 7.4), 10 mg/mL BSA, 0.01% thimerosal and 50% glycerol.
<b>Concentration</b>	Not applicable

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<b>Storage Instructions</b>	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.
<b>Purification</b>	Protein A affinity column
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	14H9H10
<b>Note</b>	GenScript can customize this product per customer's request including product size, buffer components, etc.

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## Background

**Target Background :** Generally, goat anti-rabbit or donkey anti-rabbit IgG polyclonal antibodies are used as secondary antibodies to detect rabbit primary antibodies. However, since polyclonal antibodies can recognize many epitopes, the background and the cross reactivity in assays is usually high, making results hard to interpret. To minimize the background, cross reactivity, and improve the lot-to-lot consistency, a unique GenScript Mouse Anti-Rabbit IgG Fc Antibody (14H9H10) [HRP], mAb has been developed to be used as the secondary antibody. Simply substitute conventional HRP or fluorescent reagents for unparalleled clarity in results and high quality images in immunoprecipitation, Western Blot, ELISA, immunohistochemistry and immunofluorescence.

**Synonyms :** Anti-Rabbit IgG Fc Monoclonal Secondary Antibody (Min X Hu, Ms, Rt, Sh, Bv, Gt, Camel)

**For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.**