

Goat Anti-mouse IgG-HRP

Catalog Number:	1010-GM-HR1
Product Specification:	Affinity purified Goat Anti-Mouse IgG antibody-conjugated to horseradish peroxidase.
Size:	100 µl
Type:	Secondary antibody for detecting mouse monoclonal and polyclonal antibodies in Western Blots, ELISA and dot blots.
Host Species:	Goat
Immunogen:	Mouse IgG (H + L)
Purity:	Antigen-Affinity purified. Adsorbed against Hu and Bv sera
Formulation:	0.01M phosphate buffered saline (PBS) pH 7.4 containing 1.0% BSA and 50% glycerol.
Western Blot & ELISA:	1: 3000 to 1: 50000
IHC:	1:500 - 1:5,000
WB Chemiluminescent	1: 3000 to 1:100000
Storage:	-20°C in aliquots. Freeze-thaw cycles must be avoided once the stock aliquot is diluted.

Product Background:

Chemiluminescent detection systems have emerged as the best all-around method for detection of Western blots. They eliminate the hazards associated with radioactive materials and toxic chromogenic substrates. The speed and sensitivity of these methods are unequalled by traditional alternatives. Because results are generated on film, it is possible to record and store data permanently, and blots detected with chemiluminescent methods are easily stripped for subsequent reprobing with additional antibodies. Horseradish peroxidase (HRP) conjugated secondary antibodies are utilized in conjunction with specific chemiluminescent substrates to

generate the light signal. Horseradish peroxidase-antibody conjugates have a very high turnover rate, giving good sensitivity with short reaction times.

Related Products:

1010-GM-AP	Goat Anti-Mouse IgG -Alk Phosphatase: Secondary Antibody
1010-GM-HR	Goat Anti-Mouse IgG –HRP: Secondary Antibody
1010-GR-HR	Goat Anti-Rabbit IgG-HRP: Secondary Antibody
1010-DG-HR	Donkey Anti-Goat IgG-HRP : Secondary Antibody

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