

# Goat Anti-Mouse IgG H&L (HRP)

Catalog: PHY6006

## Product Information

<b>Product Name:</b>	Goat Anti-Mouse IgG H&L (HRP).
<b>Catalog:</b>	PHY6006
<b>Target Species:</b>	Mouse
<b>Immunogen:</b>	Mouse IgG, whole molecule
<b>Conjugation:</b>	HRP(horseradish peroxidase)
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	1.0 ml
<b>Clonality:</b>	Monoclonal
<b>Tested Application:</b>	WB (1:2000-1:10000) ELISA (1:5000-1:10000) IHC (1:100-1:1000) Note: Optimal dilutions/concentrations should be determined by the end user.
<b>Purity:</b>	IgG fraction
<b>Concentration:</b>	1mg/ml
<b>Reconstitution:</b>	The antibody is lyophilized from PBS. Before reconstitution, centrifuge the lyophilized antibody and then add sterile, distilled water. Vortex the solution and centrifuge if not clear. "Note: please spin the tube briefly before opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube."
<b>Expiration:</b>	Reconstituted antibodies are stable for up to 1 year from the date of reconstitution. The expiration date may be extended if test results are acceptable for the intended use.

Research Use Only

**Storage:**

Should be kept at -20°C before reconstitution.

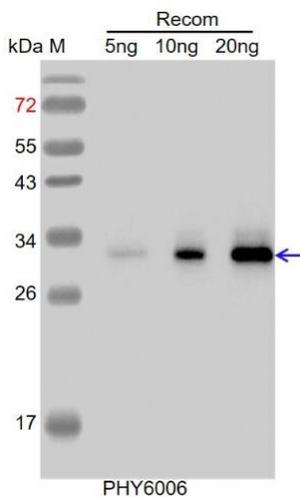
After reconstitution, aliquot and freeze at -20°C to -80°C. Avoid multiple freeze/thaw cycles. Alternatively, add a certain volume of glycerol (ACS grade or better) for a final concentration of 40%, and store at -20°C as a liquid state.

**Shipping:**

Shipped at 4°C.

## Application Example

### Example1:



Recom: 5 ng, 10 ng and 20 ng GFP-tagged fusion protein, respectively and having a molecular mass of 32 kDa.

**Electrophoresis:** 15% SDS-PAGE

**Transfer:** blotting to NC (nitrocellulose) membrane for 1 h.

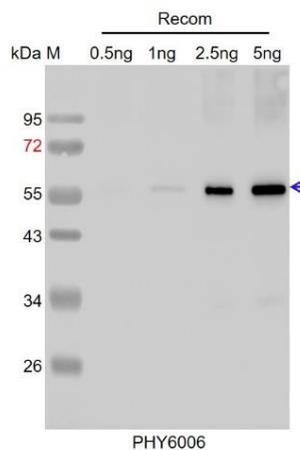
**Blocking:** 5% skim milk at RT or 4°C for 1 h.

**Primary antibody:** 1:1000 dilution overnight at 4°C.

**Secondary antibody:** 1:5000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6006).

**Detection:** using chemiluminescence substrate and image was captured with CCD camera.

### Example2:



Recom: 0.5 ng, 1 ng, 2.5 ng and 5 ng HA-tagged fusion protein, respectively and having a molecular mass of 56 kDa.

**Electrophoresis:** 12% SDS-PAGE

**Transfer:** blotting to NC (nitrocellulose) membrane for 1 h.

**Blocking:** 5% skim milk at RT or 4°C for 1 h.

**Primary antibody:** 1:2000 dilution overnight at 4°C.

**Secondary antibody:** 1:5000 dilution using Goat Anti-Rabbit IgG H&L (HRP) (Cat# PHY6006).

**Detection:** using chemiluminescence substrate and image was captured with CCD camera.