

## Anti-Mouse HRP

Goat Polyclonal Antibody

Catalog # **G32-62G-1000**

Lot # X574-6

### Cited Applications

- Western blot (1:2000)      - ELISA  
(2% skim milk blocking solution is recommended)

*Ideal working dilutions for each application should be empirically determined by the investigator.*

### Specificity

Recognizes mouse immunoglobulins

### Cross Reactivity

- Western blot using mouse primary antibodies

*Other immunoglobulins may also be detectable*

### Host

Goat

### Immunogen

Affinity purified IgG from mouse

### Formulation

PBS pH 7.2, 50% Glycerol

### Stability

Store at 4°C for several months and at -20°C for longer periods; do not add NaN<sub>3</sub> as this will inhibit the HRP enzyme. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For optimal performance, avoid repeated handling and multiple freeze/thaw cycles.

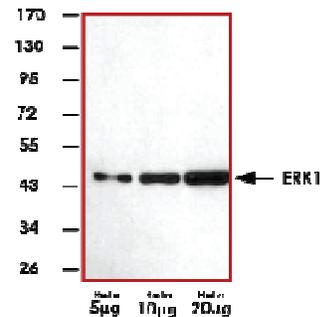
### Scientific Background

Affinity purified mouse immunoglobulins were used to raise goat antibodies specific to the mouse IgG. The affinity purified antibodies are then conjugated to horse radish peroxidase (HRP) by reductive amination in a 2:1 molar ratio. The HRP conjugated secondary antibody can recognize the primary immunoglobulin and give a signal in the presence of a chemiluminescent substrate. The signal can be detected using an electronic imager or autoradiography film (1).

### References

1. Nakane PK, Pierce GB: Enzyme-labeled antibodies: preparation and application for localization of antigens, *J Histochem Cytochem* 1966, 14:929

### Sample Data



Representative western blot with a mouse monoclonal ERK1 antibody and Anti-Mouse HRP(1:2000) using 5 µg, 10 µg, and 20 µg HeLa cell lysate.

## Anti-Mouse HRP

Goat Polyclonal Antibody

Catalog Number      G32-62G-1000

Quantity      1ml

Specific Lot Number      X574-6

Purification      Affinity purified

Format      1mg in 1 ml

Concentration      1.0 µg/µL

Stability      1yr at -20°C from date of shipment

Storage & Shipping      Store product at -20°C. For optimal storage, aliquot antibody into smaller quantities after centrifugation and store at recommended temperature. For optimal performance, avoid repeated handling and multiple freeze/thaw cycles. Product shipped on ice packs.

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