

DATASHEET

Version: 2016-08-17

Goat Anti-Mouse IgG Antibody (H&L) [HRP], pAb**Cat. No.:** A00160**Size:** 1 mg**Synonyms:** Anti Mouse IgG (H&L) [HRP];**Description:**

This polyclonal antibody is highly purified from goat antiserum by immunoaffinity chromatography and then conjugated to horseradish peroxidase. It reacts with mouse IgG heavy and light chains.

Immunogen: Full length mouse IgG (purified)**Host:** Goat**Antigen Synonyms:** Mouse**Conjugation:** Horseradish Peroxidase (HRP)**Formulation:**

1 mg/ml, lyophilized with PBS, pH 7.4, containing 1% BSA and 0.01% thimerosal

Ig Subclass: Goat IgG**Purification:** Immunoaffinity chromatography**Applications:**

GenScript Goat Anti-Mouse IgG (H&L) [HRP] is suitable for immunoblotting (western and dot blots), ELISA, immunoperoxidase electron microscopy,

immunohistochemistry, and other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.

The investigator must determine the ideal working concentration for each specific application. The ideal working concentration must take into account such factors as secondary antibody affinity, antigen concentration, sensitivity of the detection method, temperature, and the length of the incubations. 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.

ELISA: 1:5,000-1:20,000**Western blot:** 1:1,000-1:10,000**Other applications:** user-optimized**Species Reactivity:** Mouse**Reconstitution:**

Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final concentration of 1.0 mg/ml.

Storage:

GenScript Goat Anti-Mouse IgG (H&L) [HRP] Polyclonal Antibody is stable for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.