

**DATASHEET**

Version: 2016-08-17

**Donkey Anti-Goat IgG Antibody (H&L) [HRP], pAb****Cat. No.:** A00178**Size:** 1 mg**Synonyms:** Donkey Anti-Goat IgG (H&L) [HRP]; Anti-Goat IgG (H&L) [HRP]**Description:**

**Donkey Anti-Goat IgG (H&L) [HRP] Polyclonal Antibody** is highly purified from donkey antiserum by immunoaffinity chromatography and then conjugated to horseradish peroxidase. It reacts with goat IgG heavy and light chains.

**Immunogen:** Full-length goat IgG (purified)**Host:** Donkey**Antigen Synonyms:** Goat**Conjugation:** Horseradish peroxidase (HRP)**Formulation:**

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

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

Donkey Anti-Goat 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:** 1:10,000-1:100,000**Western blot:** 1:1,000-1:20,000**Other applications:** user-optimized**Species Reactivity:** Goat**Reconstitution:**

Reconstitute the lyophilized powder with 1 ml of deionized water (or equivalent) to antibody concentration of 1 mg/ml.

**Storage:**

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored 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.