

**DATASHEET**

Version: 2014-12-15

**LanPower™ HA Tag Antibody [Eu]****Cat. No.:** A01820-10**Host:** Mouse**Size:** 10 µg**Immunogen:** A KLH coupled synthetic peptide (YPYDVPDYA)**Ig Subclass:** IgG1**Conjugation:** LanPower™ Eu**Description:**

HA Tag Antibody, mAb, Mouse is purified from mouse ascites by protein A affinity column. LanPower™ Eu is a kind of Europium chelate with a maximum emission wavelength at 620 nm when excited at 340 nm. The 620 nm emission fluorescence is long-lived (ms) compared to normal fluorescence (µs).

The GenScript LanPower™ HA Tag Antibody [Eu] is THE™ HA Tag Antibody (5E11D8) conjugated with LanPower™ Eu under optimal conditions with a D/P ratio of 3-6.

**Specificity:**

LanPower™ HA Tag Antibody [Eu] recognizes C-terminal, N-terminal, and internal HA tagged fusion proteins.

**Concentration:**

0.05 mg/ml, lyophilized with 50 mM Phosphate Buffer pH 7.2,

150 mM NaCl, containing 0.1% BSA and 0.02% sodium azide.

**Reconstitution:**

Reconstitute the lyophilized product following the instructions on the vial to make a conjugated antibody concentration of 0.05 mg/ml.

**Storage:**

The lyophilized product remains stable up to 1 year at -20 °C from date of receipt. The reconstituted labeled 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 freeze and thaw cycles.

**Applications:**

LanPower™ HA Tag Antibody [Eu] is mainly used for homogenous HA tagged fusion protein or peptide assays and is especially applicable for HTS (High Throughput Screening). A 150 ng/ml (1 nM) Ab concentration is recommended for most homogeneous assays, however optimal Ab concentrations should be determined by the investigator on a case by case basis determined by HA tag fusion protein concentration, temperature, the length of the incubations, and buffer components.

**Other applications:** user-optimized