

DATASHEET

Version: 2014-12-15

LanPower™ DYKDDDDK Tag Antibody [Eu]**Cat. No.:** A01814-10**Host:** Mouse**Size:** 10 µg**Immunogen:** A synthetic peptide (DYKDDDDK) coupled to KLH**Ig Subclass:** IgG2b, k**Conjugation:** LanPower™ Eu**Description:**

DYKDDDDK Tag Antibody, mAb, Mouse is purified from mice ascites by protein A affinity column.

LanPower™ Eu is a kind of Europium chelate with a maximum emission wave length at 620 nm when excited at 340 nm. The 620 nm emission fluorescence is long time lived (ms) compared to normal fluorescence(µs).

The **GenScript LanPower™ DYKDDDDK Tag Antibody [Eu]** is THE™ DYKDDDDK Antibody, mAb, Mouse (A00187) conjugated with LanPower™ Eu under optimal conditions with a D/P ratio of 3-6.

Specificity:

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

Concentration:

pH 7.2, 0.05 mg/ml, lyophilized with 50 mM Phosphate Buffer, 150 mM NaCl, containing 0.1% BSA and 0.02% NaN₃.

Reconstitution:

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

Storage:

The labeled antibody is stable in lyophilized form if stored at -20°C or below. 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:

It is mainly used in homogenous DYKDDDDK tagged fusion protein or peptide assays and is especially amenable to HTS (High Throughput Screening). Normally, 150 ng/ml (1nM) Ab concentration is used as the final concentration in a homogeneous assay. The practical concentration should be determined by the investigator on a case by case basis. Factors to consider when determining the optimal Ab concentration are the tagged fusion protein concentration, temperature, the length of the incubations, and buffer components.

Other applications: user-optimized