DATASHEET

Version: 2014-12-15

LanPower™ 6×His Tag Antibody [GS665]

Cat. No.: A01815-100

Host: Mouse

Size: 100 μg

Immunogen: A synthetic peptide HHHHHH coupled to KLH

Ig Subclass: IgG1, k

Conjugation: LanPower™ GS665

Description:

His Tag Antibody, mAb, Mouse is purified from mice ascites by protein A affinity column. LanPower™ GS665 is a small molecule with a molecular weight of about 1 KD which can absorb wave length at 620 nm and emit at 665 nm, making it a suitable acceptor for LanPower™ Eu.

The **GenScript LanPower™ His Tag Antibody [GS665]** is THE™ Anti-His mAb (A00186) conjugated with LanPower™ GS665 under optimal conditions with a D/P ratio of 1-2.

Specificity:

LanPower™ His Tag Antibody [GS665] recognizes C-terminal, N-terminal, and internal His tagged fusion proteins.

Concentration:

0.5 mg/ml, lyophilized with 50 mM Phosphate Buffer, pH 7.2, 150 mM NaCl, containing 0.02% NaN3.

Reconstitution:

Reconstitute the lyophilized product following the indications on the vial label to make an antibody concentration of 0.5 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 freeze and thaw cycles.

Applications:

It is mainly used as an acceptor in homogenous6xHis tagged fusion protein or peptide assays together with LanPower™ Eu and is especially amenable to HTS (High Throughput Screening). Normally, 1200 ng/ml (8 nM) Ab concentration is used as the final concentration in homogeneous assays. 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 6xhis tag fusion protein concentration, temperature, the length of the incubations, and buffer components.

Other applications: user-optimized