

DATASHEET

Version: 2014-12-15

LanPower™ GST Tag Antibody [GS665]**Cat. No.:** A01816-100**Host:** Mouse**Size:** 100 µg**Immunogen:** Recombinant GST protein (26KD)**Ig Subclass:** IgG1, k**Conjugation:** LanPower™ GS665**Description:**

GST 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 1KD which can absorb wave length at 620 nm and emit at 665 nm, making it a suitable acceptor for LanPower™ Eu.

The **GenScript LanPower™ GST Tag Antibody [GS665]** is GST Antibody, mAb, mouse (5H7D10) conjugated with LanPower™ GS665 under optimal conditions with a D/P ratio of 1-2.

Specificity:

LanPower™ GST Tag Antibody [GS665] recognizes GST 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 a conjugated antibody concentration of 0.5 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 as an acceptor in homogenous GST tagged fusion protein 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 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 GST tagged fusion protein concentration, temperature, the length of the incubations, and buffer components.

Other applications: user-optimized