LanPower^{TM} GST Tag Antibody [Eu]

Cat. No.: A01813-10

Host: Mouse

Size: 10 µg

Immunogen: Recombinant GST protein(26KD)

Ig Subclass: IgG1, k

Conjugation: LanPower^{TM} Eu

Description:

GST Tag Antibody, mAb, Mouse is purified from mice ascites by protein A affinity column. LanPower^{TM} 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) comparing to normal fluorescence (µs).

The **GenScript LanPower^{TM} GST Tag Antibody [Eu]** is Anti-GST mAb (Clone 5H7D10) conjugated with LanPower^{TM} Eu under optimal conditions with D/P ratio of 3-6.

Specificity:

LanPower^{TM} GST Tag Antibody [Eu] recognizes GST tagged fusion proteins.

Concentration:

A01813-100: 0.5 mg/ml, lyophilized with 50 mM Phosphate Buffer, pH 7.2, 150 mM NaCl, containing 0.02% NaN3.

A01813-10: 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 conjugated antibody concentration of 0.5 mg/ml or 0.05 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 in homogenous GST fusion protein assays and is especially amenable to HTS (High Throughput Screening).Normally, 150 ng/ml (1 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