

DATASHEET

Version: 2014-12-15

LanPower™ MBP Tag Antibody [Eu]**Cat. No.:** A01822-10**Host:** Mouse**Size:** 10 µg**Immunogen:** Purified recombinant MBP fusion protein**Ig Subclass:** Mouse IgG1**Conjugation:** LanPower™ Eu**Description:**

The MBP 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).

GenScript LanPower™ MBP Tag Antibody [Eu] is MBP-tag Antibody (5B10B11), conjugated with LanPower™ Eu under optimal conditions with a D/P ratio of 3-6.

Specificity:

LanPower™ MBP Tag Antibody [Eu] specifically reacts with fusion proteins containing MBP epitope tags.

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:

GenScript LanPower™ MBP Tag Antibody [Eu] is mainly used for homogenous MBP 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 antigen concentration, temperature, the length of the incubations, and buffer components.

Other applications: user-optimized