For Research Use Only

## CoraLite® Plus 488-conjugated GST tag Monoclonal antibody



Catalog Number: CL488-66001

**Basic Information** 

Catalog Number:

CL488-66001 FN315687 1000 µg/ml Full Name: Source: Calculated MW:

Mouse

Isotype: IgG2a

GenBank Accession Number:

GeneID (NCBI):

26 kDa

**Purification Method:** 

Protein A purification

CloneNo.: 3B5F8

Recommended Dilutions: WB 1:5000-1:50000

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

**Applications** 

**Tested Applications:** 

Species Specificity:

recombinant protein, schistosoma japonicum

**Positive Controls:** 

WB: Recombinant protein,

## **Background Information**

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. GST(Glutathione S-Transferase) is a widely used protein tag encoded by the Schistosoma japonicum. GST provides both an easily detectable tag and a simple purification process with little effect on the biological function of the protein of interest. Antibodies to GST are useful for checking protein expression both in plaques and on Western blots as well as for immunoaffinity purification of proteins expressed in cells. This antibody recognizes the GST-tag fused to either the amino- or carboxy-terminus of targeted proteins.

Storage

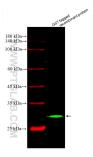
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



GST tagged recombinant protein lysates were subjected to SDS PAGE followed by western blot with CL488-66001 (GST tag antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.