DATASHEET
Version: 2016-08-17

Trx-tag Antibody, mAb, Mouse

Cat. No.: A00180-40

Size: 40 µg

Synonyms: Mouse Anti-Trx-tag; Anti-Trx-tag

Description:

Mouse Anti-Trx-tag Monoclonal Antibody reacts with the 109-aa Trx-tag sequence encoded by the PET-32a expression vectors from Novagen. Mouse Anti-Trx-tag Monoclonal Antibody is suitable for detecting fusion proteins that contain a Trx-tag.

Immunogen: Purified recombinant Trx-tag fusion protein

Host: Mouse

Conjugation: Unconjugated

Fusion Partner:

Spleen cells were fused with SP2/0-Ag14 mouse myeloma cells

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide

Clone: 4C12H10

Ig Subclass: Mouse IgG2a

Specificity: This antibody reacts with the Thioredoxin fusion protein from *E. coli* and human. Not yet tested in other species.

Purification: Protein A affinity column

Applications:

Working concentrations for specific applications should be determined by the investigator. Appropriate concentrations will be affected by several factors, including secondary antibody affinity, antigen concentration, sensitivity of detection method, temperature, and length of incubations, etc. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.1-1.0 µg/ml

Western blot: 1.0 µg/ml

Western blot using ONE-HOUR Western™ Kit: For quick results, GenScript ONE-HOUR Western™ Kit L00205C is recommended. 1.2 µg of this antibody is mixed with diluted WB solution (dilute 2 ml WB with 2ml of PBST).

Other applications: user-optimized

Species Reactivity: *E. coli* and human

Reconstitution:

Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final 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 freezing and thawing cycles.