

Trx-tag Antibody, mAb, Mouse

Cat. No.: A00180

Overview

Specificity	This antibody reacts with the Thioredoxin fusion protein from E.coli and human. Not yet tested in other species.
Host Species	Mouse
Immunogen	Purified recombinant Trx-tag fusion protein
Species Reactivity	E.coli and human
Conjugate	Unconjugated

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.

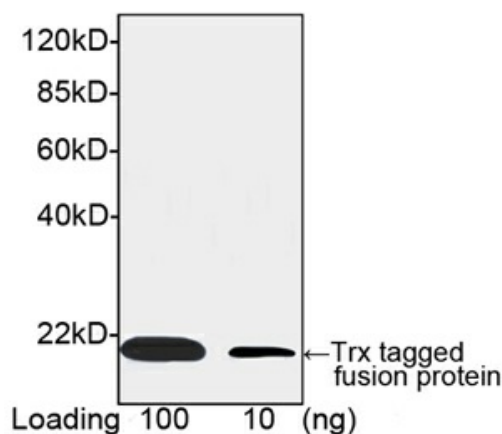
Application	Recommended Usage
ELISA	0.1-1.0 µg/ml
Western Blot	1.0 µg/ml
Western Blot	1:100-1:1,000

Properties

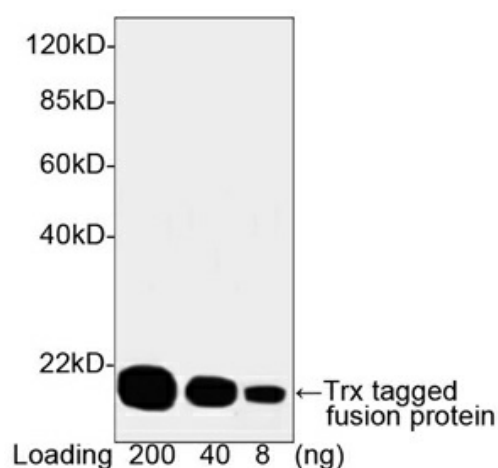
Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.4, containing 0.02% sodium azide
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/ml.
Storage Instructions	The lyophilized product remains stable for 1 year at -20°C from the date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8°C or for 12 months at -20°C or below. Avoid repeated freezing and thawing cycles.
Purification	Protein A affinity column

Isotype	Mouse IgG2a
Clonality	Monoclonal
Clone ID	4C12H10

Examples



Western blot analysis of Trx-tagged fusion protein using Trx-tag Antibody, mAb, Mouse (GenScript, A00180, 1 µg/ml). The signal was developed with Goat Anti-Mouse IgG (H&L) [HRP] Polyclonal Antibody (GenScript, A00180, 1:50,000) and LumiSensor™ HRP Substrate Kit (GenScript, L00221). Predicted Size: 18 kD. Observed Size: 18 kD.



Western blot analysis of Trx-tagged fusion protein using Trx-tag Antibody, mAb, Mouse (GenScript, A00180, 1 µg/ml). The signal was developed with One-Step Western™ Basic Kit (mouse) (GenScript, L00205). Predicted Size: 18 kD. Observed Size: 18 kD.

Background

Target Background : 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.

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

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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