

Rev05  
Update: Nov,03,2023

**DATASHEET**

# Trx-tag Antibody, mAb, Mouse

Cat. No.: A00180

## Overview

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

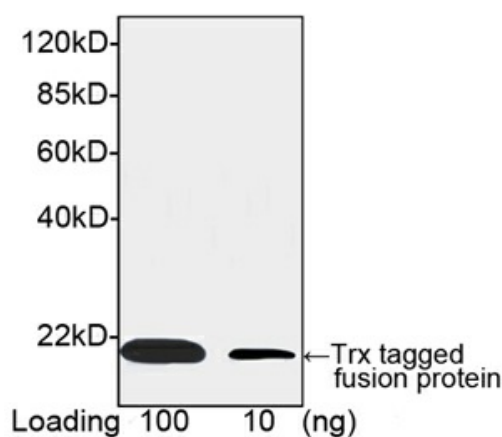
<b>Application</b>	<b>Recommended Usage</b>
ELISA	0.1-1.0 µg/ml
Western Blot	1.0 µg/ml
Western Blot	1:100-1:1,000

## Properties

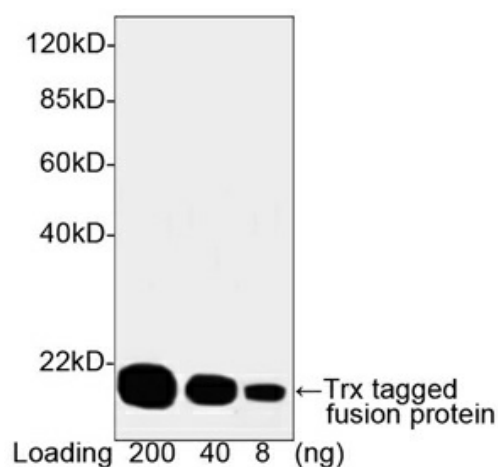
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized with PBS, pH 7.4, containing 0.02% sodium azide
<b>Reconstitution</b>	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
<b>Storage Instructions</b>	The lyophilized product remains stable for up to 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 up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.

<b>Purification</b>	Protein A affinity column
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	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.**

生产商：南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路28号

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