

## Basic Information

<b>Product Name</b>	Anti-Thioredoxin/TXN Antibody (Clone#A0GB-20)
<b>Gene Name</b>	TXN
<b>Source</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Species Reactivity</b>	human, mouse, rat
<b>Tested Application</b>	WB, FCM
<b>Contents</b>	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
<b>Immunogen</b>	A synthesized peptide derived from human TRX1
<b>Concentration</b>	500 ug/ml
<b>Purification</b>	Affinity-chromatography
<b>Observed MW</b>	12 kDa
<b>Dilution Ratios</b>	Western blot (WB): 1:500-2000 Flow Cytometry (FCM):1:20

## Storage

12 months from date of receipt, -20°C as supplied.

## Background Information

Thioredoxin is a class of small redox proteins known to be present in all organisms. It is mapped to 9q31.3. The protein encoded by this gene acts as a homodimer and is involved in many redox reactions. The encoded protein is active in the reversible S-nitrosylation of cysteines in certain proteins, which is part of the response to intracellular nitric oxide. This protein is found in the cytoplasm. Two transcript variants encoding different isoforms have been found for this gene.

## Reference

Product datasheet

# Anti-Thioredoxin/TXN Antibody (Clone#A0GB-20)

Catalog Number: **BM4947**

# BOSTER®

antibody and ELISA experts

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Anti-Thioredoxin/TXN Antibody (Clone#A0GB-20)被引用在1文献中。

## Selected Validation Data

Western blot analysis of TRX1 expression in HeLa cell lysate.

