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## Datasheet for ABIN7119923 **anti-TST antibody**

### Overview

Quantity:	100 µg
Target:	TST
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TST antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

### Product Details

Immunogen:	thiosulfate sulfurtransferase(rhodanese)
Clone:	5E11
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	TST
Alternative Name:	TST ( <a href="#">TST Products</a> )
Background:	Synonyms:RDS, Rhodanese, Thiosulfate sulfurtransferase, TST Background:Formation of iron-sulfur complexes, cyanide detoxification or modification of sulfur-containing enzymes. Other

## Target Details

thiol compounds, besides cyanide, can act as sulfur ion acceptors. Also has weak mercaptopyruvate sulfurtransferase(MST) activity(By similarity). Together with MRPL18, acts as a mitochondrial import factor for the cytosolic 5S rRNA. Only the nascent unfolded cytoplasmic form is able to bind to the 5S rRNA.

Molecular Weight: 33 kDa

Gene ID: 7263

UniProt: [Q16762](#)

## Application Details

Application Notes: WB: 1:500-1:5000, IHC: 1:20-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months