

## Mouse Monoclonal Antibody to Thioredoxin (TRX)

<b>Catalogue Number</b>	sAP-0101
<b>Target Molecule</b>	<p><b>Name:</b> Thioredoxin (TRX)</p> <p><b>Aliases:</b> Thioredoxin</p> <p><b>MW:</b> 12kDa</p> <p><b>Entrez Gene ID:</b> N/A</p>
<b>Description</b>	<p>Thioredoxin (TRX) is a small ubiquitous protein (MW12kDa) which is exist in a wide variety of prokaryotic and eukaryotic cells. Trx contains a redox active disulfide/dithiol group within the conserved Cys-Gly-Pro-Cys active site. This antibody is suitable for detecting fusion proteins which encode a Trx-Tag by immunoblotting and immunoprecipitation. The Monoclonal Antibody can detect a little Trx-Tag fusion proteins with negligible cross-reactivity with bacterial, insect, or mammalian lysates.</p>
<b>Immunogen</b>	Purified recombinant fusion protein with Thioredoxin (TRX) tag.
<b>Recombinant Species</b>	Human
<b>Clone</b>	MM1H6H6;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	<p>1. Holmgren, A. et al., Annu. Rev. Biochem. 54, 237-271 (1985). ; 2. Wollman, E. E. et al., J. Biol. Chem. 263, 15506-15512 (1988). ; 3. Sasada, T. et al., J. Toxicol. Sci. 21, 285-287 (1996). ;</p>

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**