

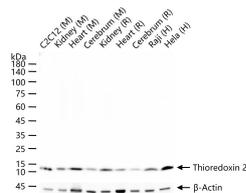
bsm-61794R**[Primary Antibody]****Bioss**
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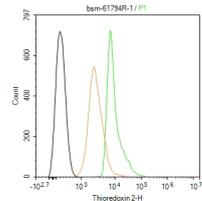
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Thioredoxin 2 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 3G1**GeneID:** 25828**SWISS:** Q99757**Target:** Thioredoxin 2**Immunogen:** A synthesized peptide derived from human Thioredoxin 2: 100-166/166.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** Important for the control of mitochondrial reactive oxygen species homeostasis, apoptosis regulation and cell viability. Possesses a dithiol-reducing activity.**Applications:** WB (1:500-2000)
IHC-P (1:100-200)
IHC-F (1:100-200)
IF (1:50-200)
Flow-Cyt (1:50-100)
ICC/IF (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 18**Subcellular Location:** Cytoplasm**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with Thioredoxin 2 monoclonal antibody, unconjugated (bsm-61794R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



The HepG2 (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-Thioredoxin 2 antibody (bsm-61794R, 1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.