

bsm-61857R**[Primary Antibody]****BioSS**
ANTIBODIES

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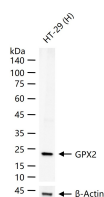
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GPX2 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Recombinant		Reactivity: Human
GeneID: 2877	SWISS: P18283	
Target: GPX2		
Immunogen: A synthesized peptide derived from human Glutathione peroxidase 2: 150-190.		Predicted MW.: 22
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm
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: Catalyzes the reduction of hydroperoxides in a glutathione-dependent manner thus regulating cellular redox homeostasis. Can reduce small soluble hydroperoxides such as H ₂ O ₂ , cumene hydroperoxide and tert-butyl hydroperoxide, as well as several fatty acid-derived hydroperoxides. Cannot reduce phosphatidylcholine hydroperoxide.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with GPX2 monoclonal antibody, unconjugated (bsm-61857R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.