

bsm-52923R**[Primary Antibody]****BioSS**
ANTIBODIES

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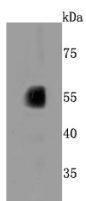
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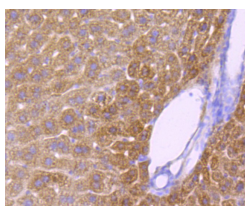
400-901-9800

CYP2E1 Recombinant Rabbit mAb**— DATASHEET —**

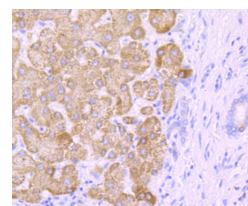
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:50-200) IHC-F (1:400-800) IF (1:50-200) ICC/IF (1:50) Reactivity: Human, Mouse (predicted: Rat) Predicted MW.: 57 kDa Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Recombinant	CloneNo.: 1A26	
GeneID: 1571	SWISS: P05181	
Target: CYP2E1		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and biosynthesis. Cytochrome P450 2E1 is induced by ethanol, diabetes and starvation. The enzyme metabolizes both endogenous substrates, such as ethanol, acetone, and acetal, and exogenous substrates including benzene, carbon tetrachloride, ethylene glycol, and nitrosamines. Due to its many substrates, this enzyme may be involved in such varied processes as gluconeogenesis, hepatic cirrhosis, diabetes, and cancer.		

— VALIDATION IMAGES —

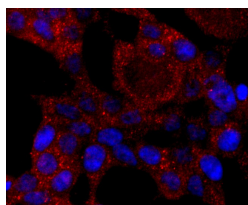
Sample: Lane 1: human liver tissue lysates
Primary: Anti-CYP2E1 (bsm-52923R) at 1:500 dilution
Secondary: Goat Anti-Rabbit IgG - HRP at 1:5000 dilution
Predicted band size: 57 kD
Observed band size: 57 kD



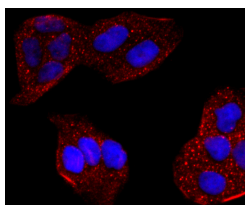
Paraformaldehyde-fixed, paraffin embedded (mouse liver tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CYP2E1) Monoclonal Antibody, Unconjugated (bsm-52923R) at 1:50 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human liver tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CYP2E1) Monoclonal Antibody, Unconjugated (bsm-52923R) at 1:50 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



293T cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (CYP2E1) monoclonal Antibody, Unconjugated (bsm-52923R) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002)



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (CYP2E1) monoclonal Antibody, Unconjugated (bsm-52923R) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002)

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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