

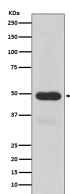
**bsm-61566R****[ Primary Antibody ]****CYP3A4 Recombinant Rabbit mAb****BioSS**  
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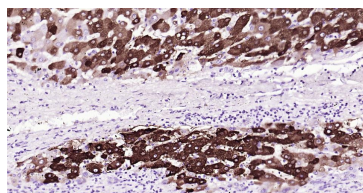
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**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 1F9**GeneID:** 1576**SWISS:** P08684**Target:** CYP3A4**Immunogen:** A synthesized peptide derived from human Cytochrome P450 3A4: 450-503/503.**Purification:** 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:** A cytochrome P450 monooxygenase involved in the metabolism of sterols, steroid hormones, retinoids and fatty acids. Mechanistically, uses molecular oxygen inserting one oxygen atom into a substrate, and reducing the second into a water molecule, with two electrons provided by NADPH via cytochrome P450 reductase (NADPH--hemoprotein reductase). Catalyzes the hydroxylation of carbon-hydrogen bonds.**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**IP** (1:20-50)**Reactivity:** Human**Predicted  
MW.:** 57**Subcellular  
Location:** Cell membrane ,Cytoplasm**— VALIDATION IMAGES —**

Western blot analysis of Human fetal liver lysate. Using CYP3A4 (bsm-61566R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CYP3A4 Monoclonal Antibody, Unconjugated(bsm-61566R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.