

bsm-33245M**[Primary Antibody]****Bioss**
ANTIBODIES

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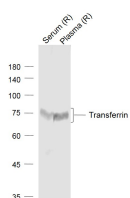
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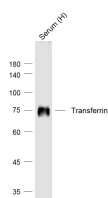
400-901-9800

Transferrin Mouse mAb**— DATASHEET —**

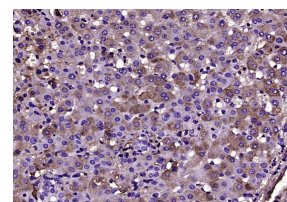
Host: Mouse	Isotype: IgG	Applications: WB (1:500-1000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat Predicted MW.: 77 kDa Subcellular Location: Secreted
Clonality: Monoclonal	CloneNo.: 12D9	
GeneID: 7018	SWISS: P02787	
Target: Transferrin		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum. [provided by RefSeq, Sep 2009].		

— VALIDATION IMAGES —

Sample: Lane 1: Serum (Rat) at 40 ug Lane 2: Plasma (Rat) at 40 ug Primary: Anti-Transferrin (bsm-33245M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 77 kD Observed band size: 75 kD



Sample: Lane 1: Serum (Human) at 20 ug Primary: Anti-Transferrin (bsm-33245M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 77 kD Observed band size: 77 kD



Paraformaldehyde-fixed, paraffin embedded (Human liver); 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 (Transferrin) Monoclonal Antibody, Unconjugated (ascites of bsm-33245M 12D9) at 1:2000 overnight at 4°C, followed by a conjugated secondary (sp-0024) for 20 minutes and DAB staining.