

**bsm-10888M****[ Primary Antibody ]**

**BioSS**  
ANTIBODIES

www.bioss.com.cn

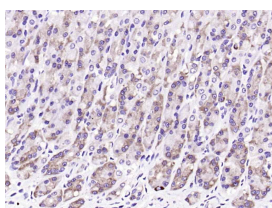
sales@bioss.com.cn

techsupport@bioss.com.cn

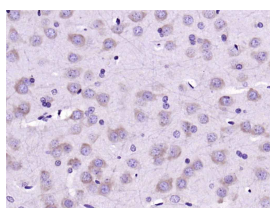
400-901-9800

**Leptin Mouse mAb****— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:400-800) <b>IHC-F</b> (1:400-800) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Rat (predicted: Human, Mouse)  <b>Predicted MW.:</b> 16 kDa  <b>Subcellular Location:</b> Secreted
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 3C2	
<b>GeneID:</b> 3952	<b>SWISS:</b> P41159	
<b>Target:</b> Leptin		
<b>Immunogen:</b> Recombinant human Leptin: 22-167/167.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Leptin, the product of the ob (obese) gene, is a 16kD protein consisting of 146 amino acid residues. Leptin is produced in the adipose tissue, and is considered to play an important role in appetite control, fat metabolism and regulation of body weight. It targets the central nervous system, particularly hypothalamus, affecting food intake. Leptin levels are high in most obese individuals. Studies have shown that it may also influence reproductive function.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat stomach); 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 (Leptin) Monoclonal Antibody, Unconjugated (cell supernatant of bsm-10888M 3C2) at overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain); 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 (Leptin) Monoclonal Antibody, Unconjugated (cell supernatant of bsm-10888M 3C2) at overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.