

**bsm-41189M****[ Primary Antibody ]**

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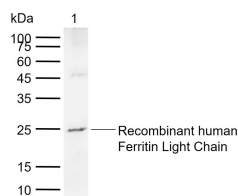
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**Ferritin Light Chain Mouse mAb****— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 1E3	<b>Reactivity:</b> Human
<b>GeneID:</b> 2512	<b>SWISS:</b> P02792	
<b>Target:</b> Ferritin Light Chain		
<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> This gene encodes the light subunit of the ferritin protein. Ferritin is the major intracellular iron storage protein in prokaryotes and eukaryotes. It is composed of 24 subunits of the heavy and light ferritin chains. Variation in ferritin subunit composition may affect the rates of iron uptake and release in different tissues. A major function of ferritin is the storage of iron in a soluble and nontoxic state. Defects in this light chain ferritin gene are associated with several neurodegenerative diseases and hyperferritinemia-cataract syndrome. This gene has multiple pseudogenes. [provided by RefSeq, Jul 2008].		<b>Predicted MW.:</b> 19-21 kDa <b>Subcellular Location:</b> Secreted ,Extracellular matrix ,Cytoplasm

**— VALIDATION IMAGES —**

Sample: Lane 1: Recombinant human Ferritin Light Chain, His Primary: Anti-Ferritin Light Chain (bsm-41189M) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 19-21 kDa  
Observed band size: 25 kDa