

bsm-51508M**[Primary Antibody]****Irgm1 Mouse mAb****BioSS**
ANTIBODIES

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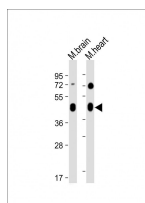
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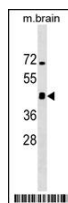
400-901-9800

— DATASHEET —

Host: Mouse Clonality: Monoclonal GeneID: 15944 Target: Irgm1 Purification: affinity purified by Protein G 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: IRGM belongs to a family of interferon-gamma inducible GTPases, belonging to the GTPase superfamily, and are selectively induced by IFN-gamma or bacterial lipopolysaccharide (LPS) stimulation. IRGM is primarily expressed in all cells derived from B-cell lineages, and is highly expressed in macrophages following IFN-gamma stimulation. IRGM has been shown to be required for host defences against a broad range of intracellular pathogens. Specifically, IRGM deficient mice show defects with intracellular microbial killing, phagosome maturation and autophagy. More recently IRGM has been shown to inhibit baseline hematopoietic proliferation and is required for a normal hematopoietic stem cell response to chemical and infectious stimuli.	Isotype: IgM CloneNo.: C8F27 SWISS: Q60766	Applications: WB (1:500-1000) Reactivity: Mouse Predicted MW.: 47 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse brain tissue lysates Lane 2: Mouse Heart tissue lysates Primary: Anti-Irgm1 (bsm-51508M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 47 kD Observed band size: 47 kD



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