

[Primary Antibody]

Irgm1 Mouse mAb



BioSS
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET

Host: Mouse

Clonality: Monoclonal

GeneID: 15944

Target: lrgm1

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

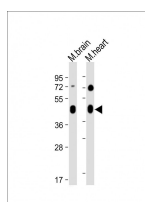
Applications: WB (1:500-1000)

Reactivity: Mouse

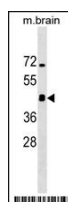
Predicted
MW.: 47 kDa

Subcellular Location: Cell membrane ,Cytoplasm

— 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



Sample: Lane 1: Mouse brain 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