bsm-51508M

[Primary Antibody]

Bioss ANTIBODIES

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Irgm1 Mouse mAb

- DATASHEET -

Host: Mouse Isotype: IgM
Clonality: Monoclonal CloneNo.: C8F27
GeneID: 15944 SWISS: Q60766

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.

Applications: WB (1:500-1000)

Reactivity: Mouse

Predicted MW.: 47 kDa

Subcellular Location: Cell membrane ,Cytoplasm