bsm-51687M **[Primary Antibody]**

PU.1/Spi1 Mouse mAb

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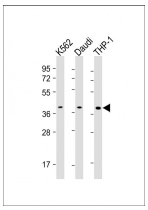
DATASHEET

Host: Mouse
Isotype: IgG1, k
Clonality: Monoclonal
CloneNo.: K8J9
GeneID: 6688
SWISS: P17947
Target: PU.1/Spi1
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: The enzyme encoded by this gene catalyzes the elimination of inorganic triphosphate from dihydroneopterin triphosphate, which is the second and irreversible step in the biosynthesis of tetrahydrobiopterin from GTP. Tetrahydrobiopterin, also known as BH(4), is an essential cofactor and regulator of various enzyme activities, including enzymes involved in serotonin biosynthesis and NO synthase activity. Mutations in this gene result in hyperphenylalaninemia. [provided by RefSeq, Oct 2008]

Applications: **WB** (1:500-2000)
Reactivity: Human
Predicted MW.: 31 kDa
Subcellular Location: Nucleus

VALIDATION IMAGES



Sample: Lane 1: K562 cell lysates Lane 2: Daudi cell lysates Lane 3: THP-1 cell lysates Primary: Anti-PU.1/Spi1 (bsm-51687M) at 1/500~1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 31 kD Observed band size: 40 kD