

bsm-52001M

[Primary Antibody]

Oct 4 (1F4) Mouse mAb



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<p>Host: Mouse</p> <p>Clonality: Monoclonal</p> <p>GeneID: 5460</p> <p>Target: Oct 4 (1F4)</p> <p>Immunogen: KLH conjugated synthetic peptide derived from human OCT4: 1-100/360.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>Background: This gene encodes a transcription factor containing a POU homeodomain. This transcription factor plays a role in embryonic development, especially during early embryogenesis, and it is necessary for embryonic stem cell pluripotency. A translocation of this gene with the Ewing's sarcoma gene, t(6;22)(p21;q12), has been linked to tumor formation. Alternative splicing, as well as usage of alternative translation initiation codons, results in multiple isoforms, one of which initiates at a non-AUG (CUG) start codon. Related pseudogenes have been identified on chromosomes 1, 3, 8, 10, and 12. [provided by RefSeq].</p>	<p>Isotype: IgG</p> <p>CloneNo.: 1F4</p> <p>SWISS: Q01860</p>	<p>Applications: WB (1:500-2000) ICC/IF (1:100-200)</p> <p>Reactivity: (predicted: Human)</p> <p>Predicted MW.: 39 kDa</p> <p>Subcellular Location: Nucleus</p>
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