

**bsm-34156M****[ Primary Antibody ]****p57 Kip2 Mouse mAb****BioSS**  
**ANTIBODIES**

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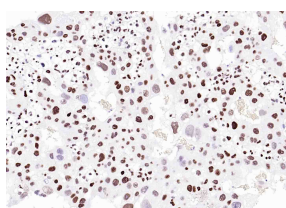
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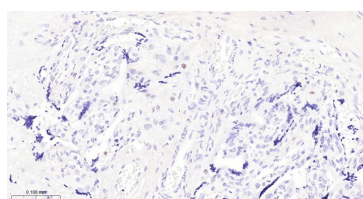
400-901-9800

**— DATASHEET —****Host:** Mouse**Clonality:** Monoclonal**GeneID:** 1028**Target:** p57 Kip2**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** PBS (pH7.2), 0.03% Porcolin 300, containing stabilizing protein.

**Background:** This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2010].

**Isotype:** IgG2b, Kappa**CloneNo.:** 4E8**SWISS:** P49918**Applications:** IHC-P (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted  
MW.:** 35 kDa**Subcellular  
Location:** Nucleus**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (p57 Kip2 ) Monoclonal Antibody, Unconjugated (bsm-34156M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with p57 Kip2 Monoclonal Antibody, Unconjugated(bsm-34156M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.