

bsm-60916M**[Primary Antibody]****S100A4 Mouse mAb****BioSS**
ANTIBODIES

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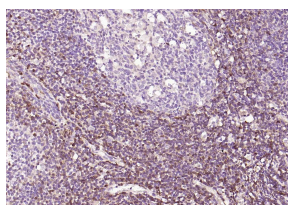
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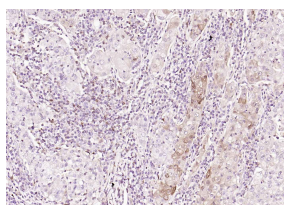
400-901-9800

— DATASHEET —

Host: Mouse	Isotype: IgG2a kappa	Applications: IHC-P (1:50-100) IHC-F (1:50-100) IF (1:50-100) Reactivity: Human Predicted MW.: 12 kDa Subcellular Location: Extracellular matrix, Nucleus
Clonality: Monoclonal	CloneNo.: 9E12	
GeneID: 6275	SWISS: P26447	
Target: S100A4		
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 protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human tonsil); 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 (S100A4) Monoclonal Antibody, Unconjugated (bsm-60916M) at 1:100 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024)instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); 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 (S100A4) Monoclonal Antibody, Unconjugated (bsm-60916M) at 1:100 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024)instructionsand DAB staining.