## bsm-33860M

# [ Primary Antibody ]

# BIOSS

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# S100A8+A9 Complex Mouse mAb

- DATASHEET -

Host: Mouse Isotype: IgG
Clonality: Monoclonal CloneNo.: 10D11
GeneID: 6279 SWISS: P05109

**Target:** \$100A8+A9 Complex **Purification:** affinity purified by Protein A

Concentration: 1mg/ml

Storage: Size: 50ul/100ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Size: 200ug (PBS only)

0.01M PBS

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 the inhibition of casein kinase and as a cytokine. Altered expression of this protein is associated with the disease

cystic fibrosis. [provided by RefSeq].

Applications: WB (1:500-1000)

**IHC-P** (1:100-200) **IHC-F** (1:400-800) **IF** (1:100-500)

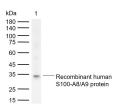
Reactivity: Human

Predicted MW.: 14 kDa

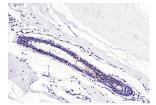
**Subcellular** Secreted ,Cell membrane

**Location:** ,Cytoplasm

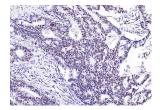
### VALIDATION IMAGES



Sample: Lane 1: Recombinant human S100-A8/A9 protein, His(bs-41227P) Primary: Anti-S100A8+A9 Complex (bsm-33860M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 14 kDa Observed band size: 34 kDa



Paraformaldehyde-fixed, paraffin embedded (human breast 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; Antibody incubation with (S100A8+A9 Complex) Monoclonal Antibody, Unconjugated (bsm-33860M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon 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; Antibody incubation with (S100A8+A9 Complex) Monoclonal Antibody, Unconjugated (bsm-33860M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.

### - SELECTED CITATIONS -

- [IF=9.417] Yuqin Yang. et al. Natural small molecule self-assembled hydrogel inhibited tumor growth and lung metastasis of 4T1 breast cancer by regulating the CXCL1/2-S100A8/9 axis. MATER DESIGN. 2022 Nov;:111435 WB; Mouse. 10.1016/j.matdes.2022.111435
- [IF=4.219] Li-Bin Wang. et al. Methamphetamine induces intestinal injury by altering gut microbiota and promoting inflammation in mice. TOXICOL APPL PHARM. Toxicol Appl Pharm. 2022 May;443:116011 WB; Mouse. 35390362