

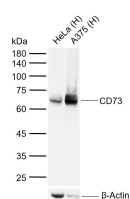
bsm-51239M**[Primary Antibody]****CD73 Mouse mAb****Bioss**
ANTIBODIES

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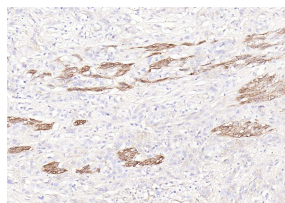
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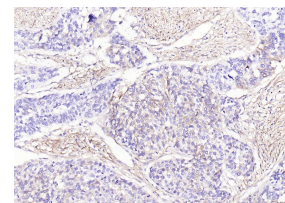
400-901-9800

— DATASHEET —**Host:** Mouse**Clonality:** Monoclonal**GeneID:** 4907**Target:** CD73**Purification:** affinity purified by Protein A**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 plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011]**Isotype:** Mouse IgG1**CloneNo.:** 4C3**SWISS:** P21589**Applications:** **WB** (1:300-1000)
IHC-P (1:200-400)
IHC-F (1:400-800)
IF (1:100-500)
Flow-Cyt (1ug/Test)**Reactivity:** Human**Predicted MW.:** 63 kDa**Subcellular Location:** Cell membrane**— VALIDATION IMAGES —**

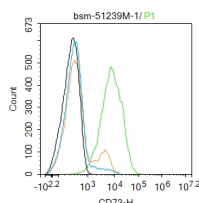
Sample: Lane 1: Human HeLa cell lysates Lane 2: Human A375 cell lysates Primary: Anti-CD73 (bsm-51239M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 63 kDa Observed band size: 63 kDa



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; Antibody incubation with (CD73) Monoclonal Antibody, Unconjugated (bsm-51239M) 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 esophageal cancer); 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 (CD73) Monoclonal Antibody, Unconjugated (bsm-51239M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Blank control:A375. Primary Antibody (green line):Mouse Anti-CD73 antibody (bsm-51239M) Dilution: 1ug/Test; Secondary Antibody (white blue line) : Goat anti-Mouse IgG-AF488 Dilution: 0.5ug/Test. Isotype control (orange line) : Normal Mouse IgG Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The

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secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=3.8]** Wang Chunjing. et al. Genetically engineered BMSCs promote dopamine secretion and ameliorate motor dysfunction in a Parkinson's disease rat model. SCI REP-UK. 2025 Apr;15(1):1-15 IHC,FC ;Rat. 40217082