

bsm-51239M

[Primary Antibody]

CD73 Mouse mAb

BioSS
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

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)

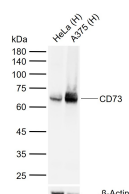
Flow-Cyt (1ug/Test)

Reactivity: Human

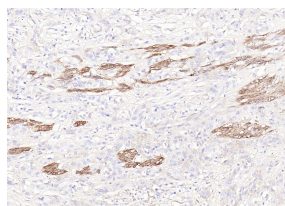
Predicted MW.: 63 kDa

Subcellular Location: Cell membrane

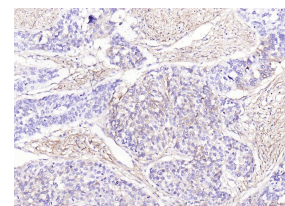
VALIDATION IMAGES



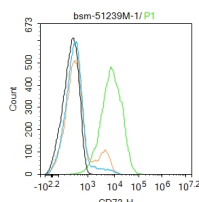
Sample: Lane 1: Human HeLa cell lysates Lane 2: Human A375 cell lysates Primary: Anti-CD73 (bsm-51239M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 63 kDa Observed band size: 63 kDa



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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Antibody for 30 min at room temperature. The 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