

bsm-30194M**[Primary Antibody]****human CD63 Mouse mAb****BioSS**
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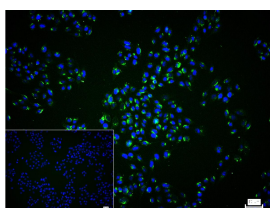
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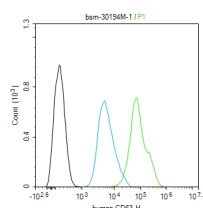
400-901-9800

— DATASHEET —

Host: Mouse Clonality: Monoclonal	Isotype: Mouse IgG1, k CloneNo.: 3B12	Applications: Flow-Cyt (1µg/Test) ICC/IF (1:50-200)
Target: human CD63		Reactivity: Human
Purification: affinity purified by Protein G		
Storage: 0.01M TBS (pH7.4). Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 26 kDa
Background: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Apr 2012]		Subcellular Location: Cell membrane ,Cytoplasm

— VALIDATION IMAGES —

4% Paraformaldehyde-fixed A375 (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (human CD63) monoclonal Antibody, unconjugated (bsm-30194M) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Mouse IgG antibody (green, bs-60296G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The A375(H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Mouse Anti-human CD63 antibody (bsm-30194M): 1 µg/10⁶ cells; Secondary Antibody (white blue): Goat anti-Mouse IgG-BF488(bs-60296G-BF488): 1 µg/test. Blank control (black): PBS. Acquisition of 20,000 events was performed.