

---

## human CD71 Mouse mAb

Catalog Number: bsm-30051M

Target Protein: human CD71

Concentration: 1mg/ml

Form: Size : 100ug

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 7B4

Isotype: Mouse IgG1, k

Applications: Flow-Cyt (1ug/test), ICC/IF (1:100)

Reactivity: Human

Predicted MW: 74/85 kDa

Detected MW: 95 kDa

Entrez Gene: 7037

Swiss Prot: P02786

Purification: affinity purified by Protein G

Storage: Size : 100ug

0.01M TBS (pH7.4).

Size : 200ug (PBS only)

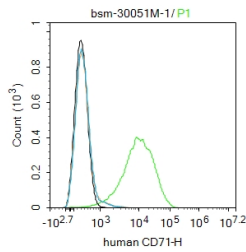
0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

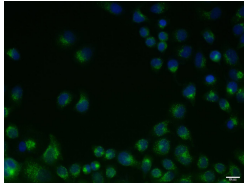
**Background:** This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]

### VALIDATION IMAGES

---



Blank control:K562. Primary Antibody (green line): Mouse Anti-human CD71 antibody (bsm-30051M) Dilution: 1ug/Test; Secondary Antibody (white blue line) : Goat anti-Mouse IgG-AF488 Dilution: 0.5ug/Test. Isotype control (orange line) : Normal Rabbit 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 secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (CD71) monoclonal Antibody, Unconjugated (bsm-30051M) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Mouse IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

## PRODUCT SPECIFIC PUBLICATIONS

**[IF=1.18]** Ma Caiyun. et al. In Vitro Culture and Multipotency Evaluation of Broiler Umbilical Cord Mesenchymal Stem Cells. BRAZ ARCH BIOL TECHN. 2023 Feb;66: IF,FCM ; Human . 10.1590/1678-4324-2023220031