

Mouse Anti-human CD71 antibody

SLM-30051M

Product Name human CD71

Chinese Name 小鼠抗人 CD71 单克隆抗体

Alias Transferrin receptor protein 1; Transferrin receptor; CD71; CD 71; CD71 antigen; p90; T9; TFR 1; TFR; TFR1; TR; sTfR; TFRC; Transferrin receptor (p90 CD71); TRFR; TFR1_HUMAN.

Immunogen Species Mouse

Clonality Monoclonal

Clone NO. 7B4

React Species Human

Applications ICC/IF=1:100-500,Flow-Cyt=1ug/test
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 74/85kDa

Detection molecular weight 95

Cellular localization The cell membrane Secretory protein

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human Transferrin receptor

Lsotype Mouse IgG1, k

Purification Affinity purified by Protein G

Buffer Solution 1M TBS(pH=7.4)

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

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

PubMed

[PubMed](#)

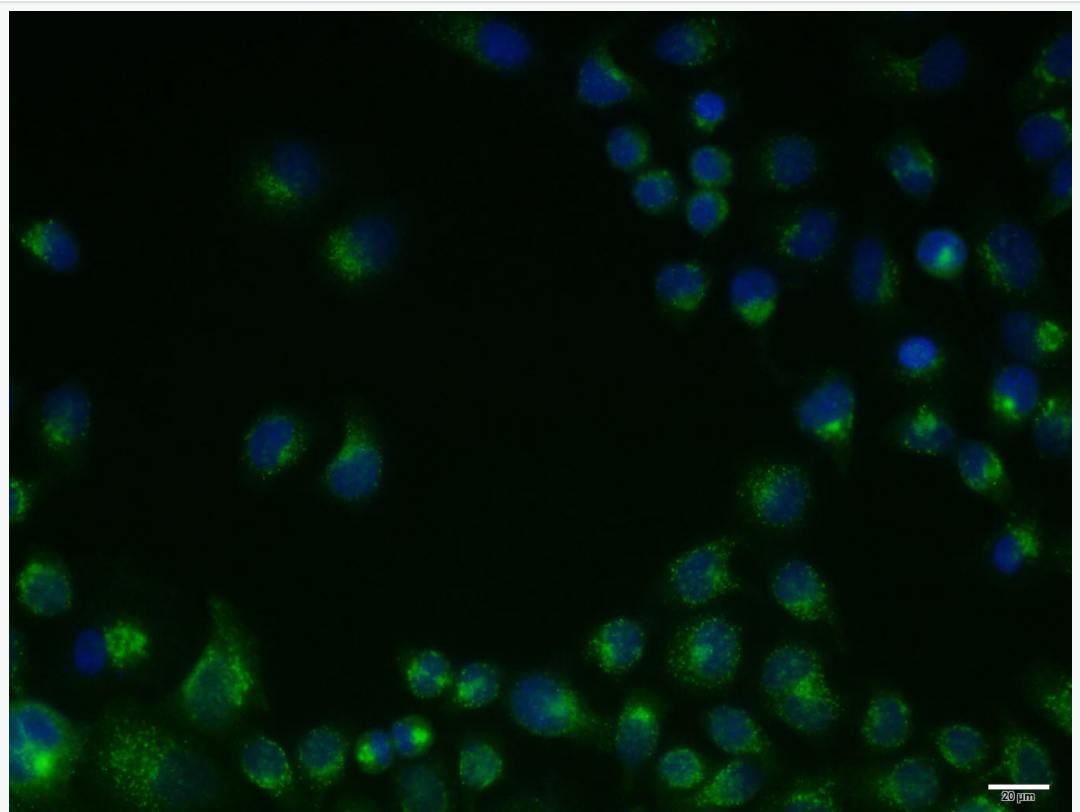
This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]

**Product
Detail**

SWISS:
P02786

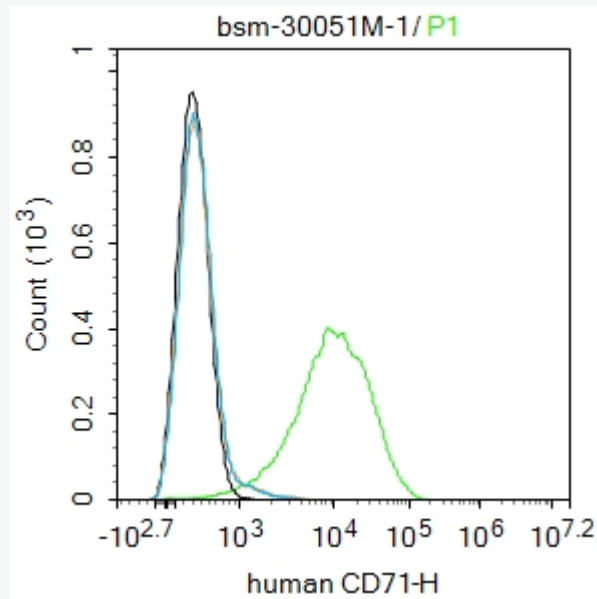
Gene ID:
7037

**Product
Picture**



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 (SLM-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.



Blank control:K562.

Primary Antibody (green line): Mouse Anti-human CD71 antibody (SLM-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.