

FITC Anti-Rat CD71 Antibody[OX-26]

Catalog Number: AN00622UC

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

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|--------------------------------|--|
| Reactivity | Rat |
| Host | Mouse |
| Isotype | Mouse IgG2a, κ |
| Clone No. | OX-26 |
| Isotype Control | FITC Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802C] |
| Conjugation | FITC |
| Conjugation Information | FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA. |

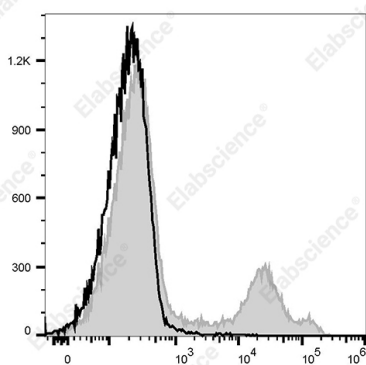
Applications

Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 $\mu\text{g}/10^6$ cells in 100 μL volume].

Data



Staining of SD Rat bone marrow cells with FITC Anti-Rat CD71 Antibody[OX-26] (filled gray histogram) or FITC Mouse IgG2a, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

| | |
|-----------------|---|
| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag |

Antigen Information

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|------------------------|-------------------------|
| Alternate Names | Transferrin Receptor;T9 |
| Uniprot ID | Q99376 |
| Gene ID | 7037 |

For Research Use Only

Background

CD71 is a 95 kD type II transmembrane protein. It is expressed on proliferating cells, reticulocytes, and brain endothelium. It is involved in the activation, proliferation, and iron metabolism of cells.