# Purified Anti-Rat CD71 Antibody[OX-26], Functional Grade

**catalog number:** **AN006220**

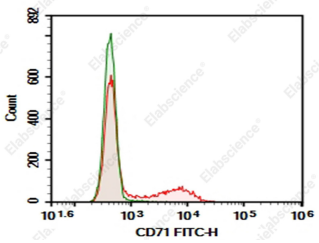
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

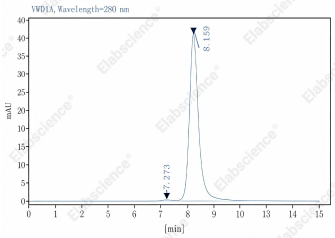
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|---|---|
| **Reactivity** | Rat |
| **Immunogen** | Recombinant Rat CD71 protein |
| **Host** | Mouse |
| **Isotype** | Mouse IgG1, κ |
| **Clone** | OX-26 |
| **Purification** | > 98%, Protein A/G purified, ≥ 95% monomer by analytical SEC |
| **Endotoxin** | < 1 EU/mg determined by LAL assay |
| **Conjugation** | Unconjugated |
| **Buffer** | Sterile PBS, pH 7.2. Contains no stabilizers or preservatives |

| Applications | Recommended Dilution |
|---|---|
| **FCM** | ≤ 0.2 μg per million cells in 100 μL volume |

## Data




Rat bone marrow were stained with 0.2 μg Purified Anti-Rat CD71 Antibody[OX-26], Functional Grade (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.




Monomer purity ≥95% as determined by analytical size-exclusion chromatography (SEC)

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze/thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions. |
| **Shipping** | Ice bag |

## 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.

None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.


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