

FITC Rat anti-Mouse CD71//Transferrin Receptor mAb

Catalog No.: A25662

Basic Information

Observed MW

Refer to figures

Calculated MW

86kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ATC0016

Conjugate

FITC. Ex:491nm. Em:516nm.

Recommended Dilutions

FC The suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μl volume.

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. Mice that are deficient in this receptor show impaired erythroid development and abnormal iron homeostasis.

Immunogen Information

Gene ID

22042

Swiss Prot

Q62351

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

TR; TFR; p90; CD71; TFR1; Trfr; Mtvr1; 2610028K12Rik; E430033M20Rik

Contact

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Product Information

Source

Rat

Isotype

Rat / IgG2a, kappa

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide