

[KO Validated] CD71/Transferrin Receptor Rabbit pAb

Catalog No.: A18083

KO Validated

1 Publications

Basic Information

Observed MW

105kDa

Calculated MW

85kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

7037

Swiss Prot

P02786

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 100-250 of human CD71/Transferrin Receptor (NP_003225.2).

Synonyms

T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46; or

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

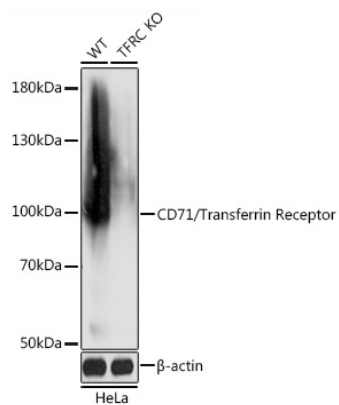
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and CD71/Transferrin Receptor knockout (KO) HeLa cells, using [KO Validated] CD71/Transferrin Receptor Rabbit pAb (A18083) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.