

# Rabbit anti-Cynomolgus Transferrin Receptor/TFRC Polyclonal Antibody | anti-TFRC antibody

Anti-Transferrin Receptor/TFRC Antibody, Rabbit Polyclonal

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|-------------------------------|-----------------------|---------------------------------|------------------------------|
| CATALOG #<br><b>AAA257368</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Cynomolgus</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|-----------------------|---------------------------------|------------------------------|

## PRODUCT SYNONYMS

Transferrin Receptor/TFRC; Polyclonal Antibody; Anti-Transferrin Receptor/TFRC Antibody; Rabbit Polyclonal; TFRC; anti-TFRC antibody

## PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                       |
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| Host                                           | Rabbit                                                                                                                                                                                                                                                                |
| Reactivity                                     | Cynomolgus                                                                                                                                                                                                                                                            |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                            |
| Isotype                                        | Rabbit IgG                                                                                                                                                                                                                                                            |
| Specificity                                    | Cynomolgus Transferrin Receptor/TFRC/CD71                                                                                                                                                                                                                             |
| Purity/Purification                            | Protein A & Antigen Affinity                                                                                                                                                                                                                                          |
| Form/Format                                    | Liquid; 0.2um filtered solution in PBS                                                                                                                                                                                                                                |
| Applicable Applications for anti-TFRC antibody | ELISA                                                                                                                                                                                                                                                                 |
| Immunogen                                      | Recombinant Cynomolgus Transferrin Receptor/TFRC/CD71 protein                                                                                                                                                                                                         |
| Conjugation                                    | Unconjugated                                                                                                                                                                                                                                                          |
| Preparation                                    | Produced in rabbits immunized with purified, recombinant Cynomolgus Transferrin Receptor/TFRC/CD71. Transferrin Receptor/TFRC/CD71 specific IgG was purified by Cynomolgus Transferrin Receptor/TFRC/CD71 affinity chromatography.                                    |
| Preparation and Storage                        | This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. |

## ADDITIONAL INFORMATION

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| Related Product Information for anti-TFRC antibody | Transferrin receptor protein 1, also known as transferrin receptor, Trfr, p9, CD71 and TFRC, is a single-pass type II membrane protein that belongs to the peptidase M28 family and M28B subfamily. TFRC/CD71 is a membrane-bound protein expressed in larger amounts in proliferating. The specific expression of TFRC can represent a tool or a therapeutic target in solid tumours expressing this antigen. Transferrin receptor is necessary for development of erythrocytes and the nervous system. TFRC/CD71 is regulated by cellular iron levels through binding of the iron regulatory proteins, IRP1 and IRP2, to iron-responsive elements in the 3'-UTR. Up-regulated upon mitogenic stimulation. TFRC/CD71 represents a marker of malignant transformation in the pancreas that could be applied as potential and therapeutic target. |
| References                                         | Douabin-Gicquel V., et al., 2001, Hum. Genet. 109:393-401. Ryschich, E. et al., 2004, Eur J Cancer. 40 (9):1418-22. Tosoni D., et al., 2005, Cell 123:875-888. Wollscheid B., et al., 2009, Nat. Biotechnol. 27:378-386.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

