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

Anti-Transferrin Receptor/TFRC Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257368	**Rabbit**	**Cynomolgus**	**ELISA**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

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.