

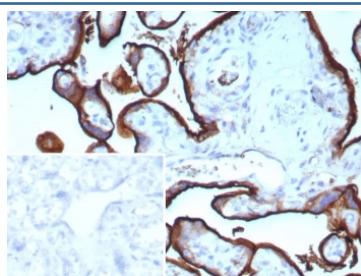
Recombinant Transferrin Receptor Antibody / TFRC / CD71 / Extracellular Domain [clone TFRC/9106R] (V5409)

Catalog No.	Formulation	Size
V5409-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5409-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5409SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	TFRC/9106R
Purity	Protein A/G affinity
UniProt	P02786
Localization	Cell Surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant Transferrin Receptor antibody is available for research use only.



IHC staining of FFPE human placental tissue with recombinant Transferrin Receptor antibody (clone TFRC/9106R). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

It recognizes a ~90-95kDa protein which is identified as cell surface transferrin receptor (CD71), a disulfide-bonded

homodimeric glycoprotein of 180-190kDa. This MAb is highly specific to CD71 and shows no cross-reaction with other related proteins. Ligand for transferrin receptor is the serum iron transport protein, transferrin. This receptor is broadly distributed in carcinomas, sarcomas, leukemias, and lymphomas. CD71/Transferrin receptor has been reported to be associated with cell proliferation in both normal and neoplastic tissues and useful in predicting clinical behavior or response to therapy in a number of malignancies including breast cancer.

Application Notes

Optimal dilution of the recombinant Transferrin Receptor antibody should be determined by the researcher.

Immunogen

Recombinant human fragment (within amino acids 50-250) of human TFRC/CD71 protein was used as the immunogen for the recombinant Transferrin Receptor antibody.

Storage

Aliquot the recombinant Transferrin Receptor antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.