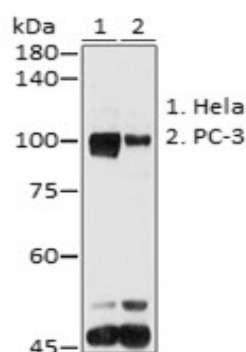
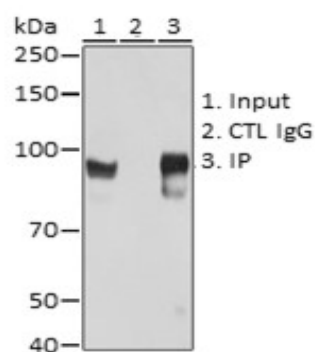


**Product Name:** TFRC Rabbit pAb  
**Catalog #:** Z2922-20; Z2922-100  
**Also Known As:** TFRC; CD71; IMD46; T9; TFR; TFR1; TR; TRFR; p90TFRC; CD71; IMD46; T9; TFR; TFR1; TR; TRFR; p90  
**Quantity:** 20 µl for Z2922-20; 100 µl for Z2922-100  
**Concentration:** See labels on tube  
**Host Species:** Rabbit  
**Isotype:** IgG  
**Reactivity:** Human, Mouse, Rat  
**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human TFRC.  
**Swiss Prot. #:** P02786  
**Calculated MW:** 84kDa  
**Detected MW:** 100kDa  
**Applications:** WB (1:500 - 1:2,000)  
 IP (1:50 - 1:200)  
 IHC (1:50 - 1:200)  
 IF (1:50 - 1:200)  
 Note: Antibody dilution should be optimized by users.

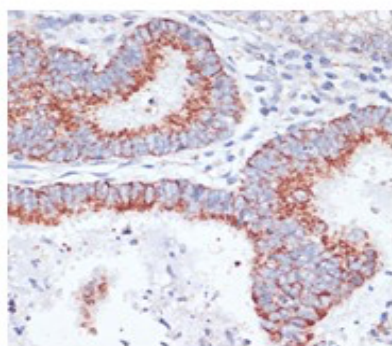
**Images:**



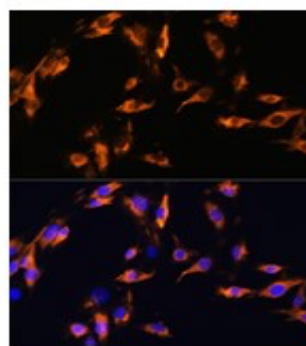
Immunoblotting 25 µg whole cell extracts of various cell lines using TFRC antibody (Z2922) at 1:1,000 dilution.



Immunoprecipitation of 200 µg Jurkat cell extracts using 3 µg TFRC antibody (Z2922). Immunoblotting: same antibody at 1:1,000 dilution.



Immunohistochemistry of paraffin-embedded human colon carcinoma using TFRC antibody (Z2922) at 1:100 dilution.



Immunofluorescence of C6 cells using TFRC antibody (Z2922) at 1:100 dilution. Blue: DAPI nuclear staining.

<b>Purification:</b>	Protein A or G affinity purification
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage:</b>	Store at -20°C. Centrifuge to maximize product recovery.
<b>Background:</b>	TFRC is a type II transmembrane receptor and carrier protein responsible for the uptake of cellular iron through receptor-mediated endocytosis. Neutral pH at the cell surface promotes binding of the iron-binding glycoprotein transferrin (Tf) to the TFRC receptor. The receptor-ligand complex enters the cell through receptor-mediated endocytosis and is internalized into an endosome.
<b>Reference:</b>	<ol style="list-style-type: none"><li>1. Sutherland R, et al. (1981) Proc Nat Acad Sci 78, 4515-4519.</li><li>2. Elahi S, et al. (2013) Nature 504, 158-162.</li></ol>

