

Product datasheet for **TA324761**

CD71 (TFRC) Rabbit Polyclonal Antibody

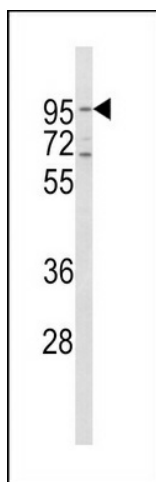
Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50, FC: 1:10~50
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This CD71 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 649-677 amino acids from the C-terminal region of human CD71.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	84871 Da
Gene Name:	transferrin receptor
Database Link:	NP_001121620 Entrez Gene 7037 Human P02786
Synonyms:	CD71; IMD46; p90; T9; TFR; TFR1; TR; TRFR
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Protease, Secreted Protein, Transmembrane
Protein Pathways:	Endocytosis, Hematopoietic cell lineage

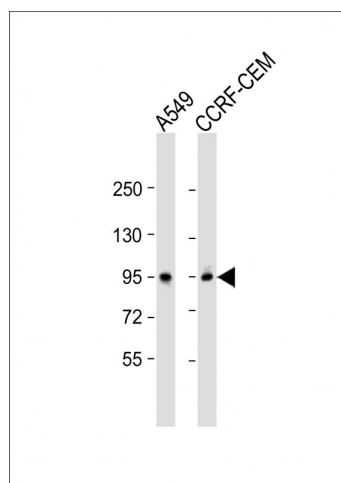


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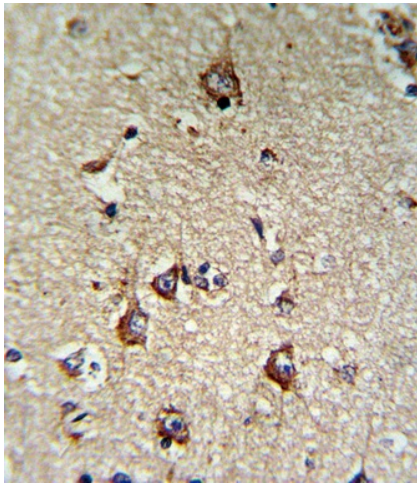
Product images:



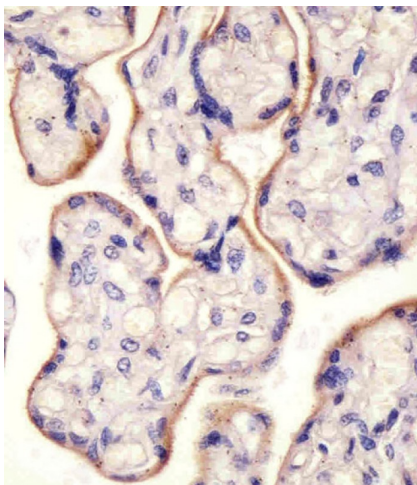
Western blot analysis of CD71 Antibody (C-term) (Cat. #TA324761) in HeLa cell line lysates (35ug/lane). CD71 (arrow) was detected using the purified Pab.



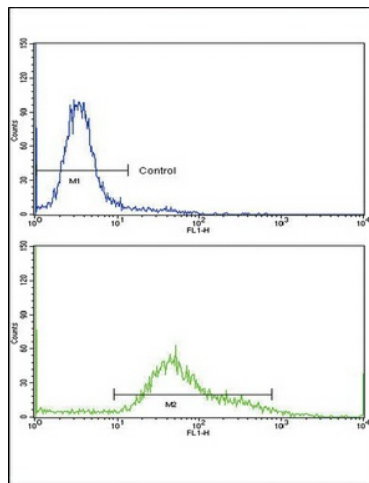
Formalin-fixed and paraffin-embedded human brain tissue reacted with CD71 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



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TA324761 staining of CD71 in human placenta tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Flow cytometric analysis of hela cells using CD71 Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram) FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.