

TFRC antibody

Product Information

Catalog No.:	FNab01497
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	4F3
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

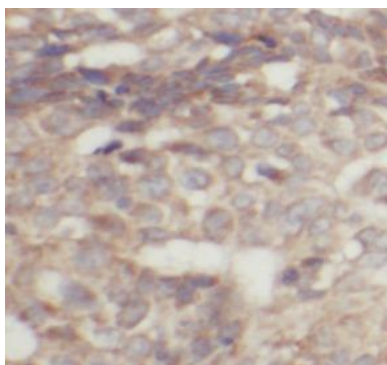
CD71, also known as transferrin receptor protein 1(TfR1), is a transmembrane glycoprotein composed of two disulfide-linked monomers, each of 90 kDa molecular weight. Each monomer binds one holo-transferrin molecule creating an iron-Tf-TfR complex which enters the cell by endocytosis. CD71 is present on actively proliferating cells and is essential for iron transport into proliferating cells.

Immunogen information

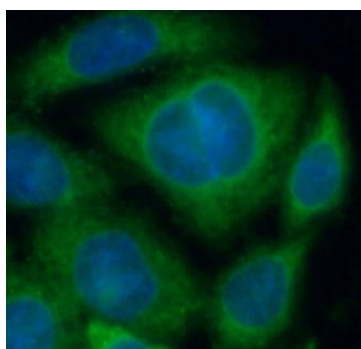
Immunogen:	transferrin receptor protein 1
Synonyms:	Transferrin receptor protein 1 (TR, TfR, TfR1, Trfr) T9 p90 Transferrin receptor protein 1, serum form (sTfR) TFRC CD71
Observed MW:	90 kDa
Uniprot ID :	P02786

Application

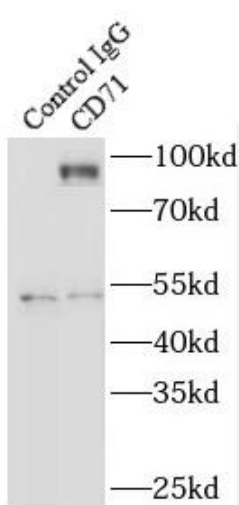
Reactivity:	Human
Tested Application:	ELISA, IHC, WB, IF, FC, IP
Recommended dilution:	WB: 1:1000-1:4000; IP: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200
Image:	



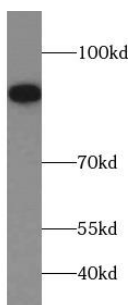
Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using FNab01497(CD71 Antibody) at dilution of 1:200



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using FNab01497 (CD71 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP result of anti-CD71(IP:FNab01497, 4ug; Detection:FNab01497 1:500) with HeLa cells lysate 2400ug.



HeLa cells were subjected to SDS PAGE followed by western blot with FNab01497(CD71 Antibody) at dilution of 1:2000