Recombinant DGRmAb®

Transferrin Receptor (DGR14579) Rabbit mAb

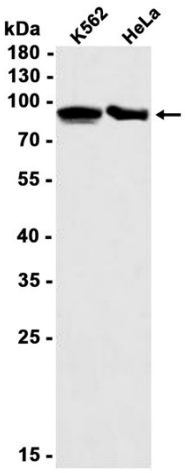
db14195 **Package : 10μL 20μL 50μL 100μL**

Product Name : Transferrin Receptor (DGR14579) Rabbit mAb
Cat.No.: db14195
Synonyms : T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

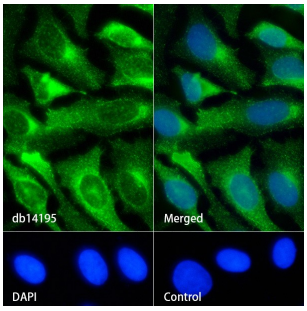
Background	This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]
Immunogen	Recombinant protein of human Transferrin Receptor
Gene ID	7037
Swiss Prot	P02786
Synonyms	T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:500 ICC/IF: 1:100 IP: 1:20-1:50
Calculated MW	84 kDa
Observed MW	90 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14579
Isotype	IgG
Purity	Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



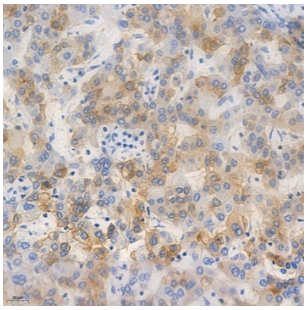
Western blot analysis of extracts from K562 and HeLa cells using db14195 at 1:1000.



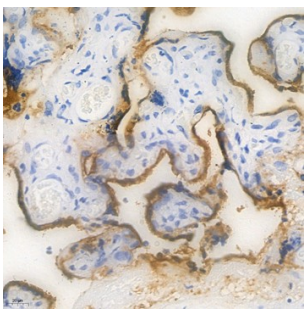
Immunofluorescence analysis of HeLa cells labelling Transferrin Receptor with db14195.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14195 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

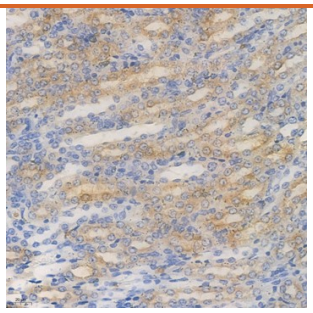
Control: Secondary antibody only.



Immunohistochemical analysis of paraffin-embedded human liver carcinoma tissue labeling Transferrin Receptor with db14195. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human placental tissue labeling Transferrin Receptor with db14195. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse renal tissue labeling Transferrin Receptor with db14195. Counter stained with Hematoxylin.