Recombinant DGRmAb®

Transferrin Receptor (DGR14579) Rabbit mAb (PBS Only)

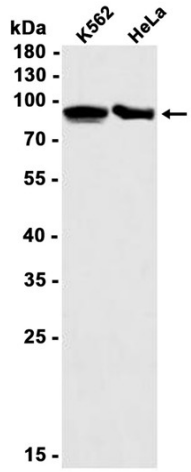
db14195-PBS **Package : 10μg 100μg**

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

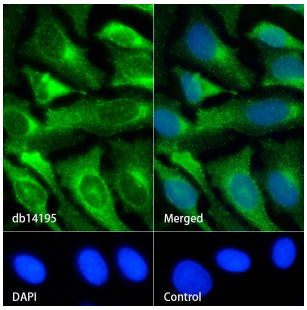
Background	This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]
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
Calculated MW	84 kDa
Observed MW	90 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14579
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only

Storage Stability

Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



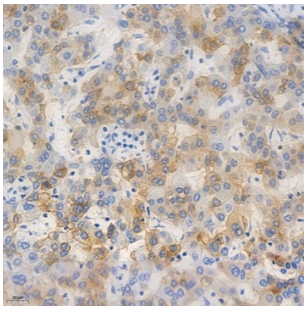
Western blot analysis of extracts from K562 and HeLa cells using db14195 at 1:1000.



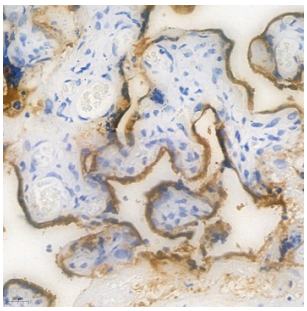
Immunofluorescence analysis of HeLa cells labelling Transferrin Receptor with db14195.

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.

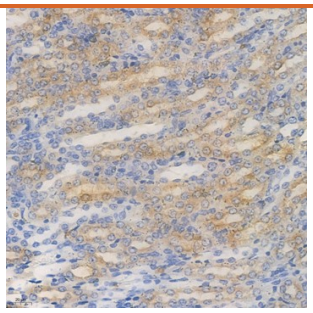
Control: Secondary antibody only.



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.