Recombinant DGRmAb®

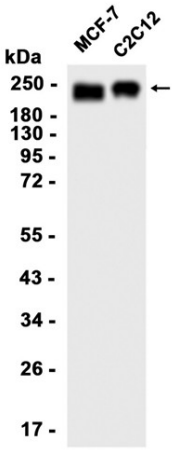
Thrombospondin 1 (DGR33394) Rabbit mAb

db14596 **Package : 10μL 20μL 50μL 100μL**

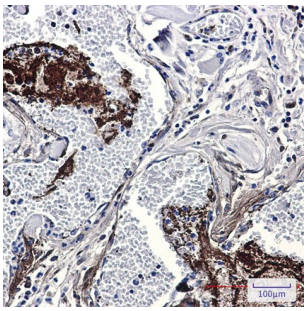
Product Name : Thrombospondin 1 (DGR33394) Rabbit mAb
Cat.No.: db14596
Synonyms : TSP; THBS; TSP1; TSP-1; THBS-1
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1. This protein has been shown to play roles in platelet aggregation, angiogenesis, and tumorigenesis. [provided by RefSeq, Jul 2008]
Immunogen	Recombinant protein of human Thrombospondin 1
Gene ID	7057
Swiss Prot	P07996
Synonyms	TSP; THBS; TSP1; TSP-1; THBS-1
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:1000-1:5000 ICC/IF: 1:100 FC: 1:50-1:500 IP: 1:20-1:50
Calculated MW	130 kDa
Observed MW	170 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR33394

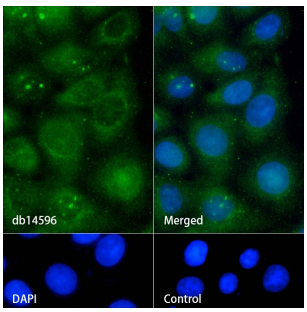
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from MCF-7, C2C12 cells using db14596 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human Cholangiocarcinoma using db14596 antibody.



Immunofluorescence analysis of HepG2 cells labelling Thrombospondin 1 with db14596.

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 db14596 (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.