

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

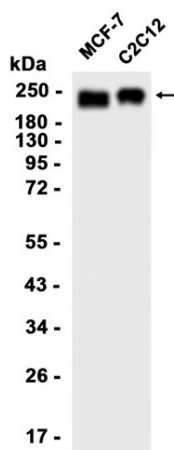
### Clonality

Monoclonal

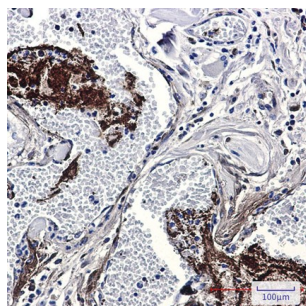
### Clonality No.

DGR33394

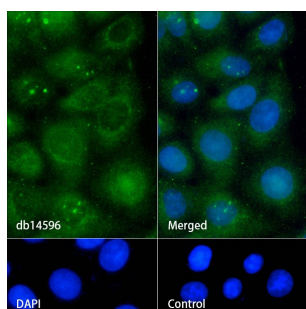
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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°C) 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.