Recombinant DGRmAb®

# Thrombospondin 1 (DGR33394) Rabbit mAb (PBS Only)

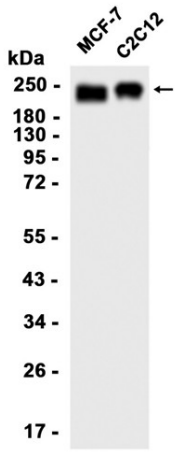
**db14596-PBS** **Package : 10μg 100μg**

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

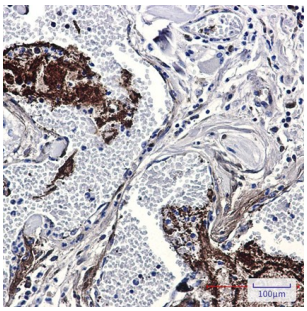
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|---|---|
| **Background** | The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, 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 |
| **Calculated MW** | 130 kDa |
| **Observed MW** | 170 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR33394 |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Concentration** | 1 mg/mL |

**Formulation** PBS Only

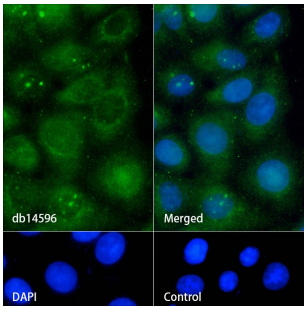
**Storage Stability** Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.




Western blot analysis of extracts from 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.