**APPLICATIONS**

Dbs (C-7) is recommended for detection of Dbs of human origin by Western Blotting (starting dilution 1:100, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for Dbs siRNA (h): sc-41728, Dbs shRNA Plasmid (h): sc-41728-SH and Dbs shRNA (h) Lentiviral Particles: sc-41728-V.

**Molecular Weight of Dbs:** 128 kDa.

**Positive Controls:** Dbs (h): 293T Lysate: sc-159837 or HeLa whole cell lysate: sc-2200.

**RECOMMENDED SUPPORT REAGENTS**

To ensure optimal results, the following support reagents are recommended:

1) **Western Blotting:** use m-IgG κ BP-HRP: sc-516102 or m-IgG κ BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Lumilol Reagent: sc-2048.

2) **Immuno precipitation:** use ProteinA/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml).

3) **Immunofluorescence:** use m-IgG κ BP-FITC: sc-516140 or m-IgG κ BP-PE: sc-516141 (dilution range: 1:50-1:200) with UltraCruz® Mounting Medium: sc-24941 or UltraCruz® Hard-set Mounting Medium: sc-359850.

**DATA**

Dbs (C-7): sc-376400. Western blot analysis of Dbs expression in non-transfected: sc-117752 (A) and human Dbs transfected: sc-159837 (B) 293T whole cell lysates.

**CHROMOSOMAL LOCATION**

Genetic locus: MCF2L (human) mapping to 13q34.

**SOURCE**

Dbs (C-7) is a mouse monoclonal antibody raised against amino acids mapping within an internal region of Dbs of human origin.

**PRODUCT**

Each vial contains 200 µg IgG1 kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Dbs (C-7) is available conjugated to agarose (sc-376400 AC), 500 µg/0.25 ml agarose in 1 ml, for IP; to HRP (sc-376400 HRP), 200 µg/ml, for WB, IHC(P) and ELISA; to either phycoerythrin (sc-376400 PE), fluorescein (sc-376400 FITC), Alexa Fluor® 488 (sc-376400 AF488), Alexa Fluor® 594 (sc-376400 AF594) or Alexa Fluor® 647 (sc-376400 AF647), 200 µg/ml, for IF, IHC(P) and FCM; and to either Alexa Fluor® 680 (sc-376400 AF680) or Alexa Fluor® 790 (sc-376400 AF790), 200 µg/ml, for Near-Infrared (NIR) WB, IF and FCM.

Alexa Fluor® is a trademark of Molecular Probes, Inc., Oregon, USA.

**REFERENCES**


**STORAGE**

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

**RESEARCH USE**

For research use only, not for use in diagnostic procedures.

**PROTOCOLS**

See our web site at www.scbt.com for detailed protocols and support products.