Skip (F-10): sc-393535

**BACKGROUND**

Skip is a unique oncprotein that is involved in inducing both transformation and differentiation. Skip (Ski-interacting protein) is a nuclear hormone receptor that binds the highly-conserved region of Ski, which is required for its transforming activity. Skip is involved in vitamin D-mediated transcription.

Specifically, Skip interacts with E7, the major transforming protein of human papillomavirus, which is implicated in the development of cervical cancer. Skip has specific inhibitory effects on BMP-2-induced differentiation and is implicated to be a novel regulator of the differentiation programmes induced by TGFR signals. Skip also functions as a repressor in Notch signalling in association with the corepressor SMRT.

**REFERENCES**


**CHROMOSOMAL LOCATION**

Genetic locus: SNW1 (human) mapping to 14q24.3; Snw1 (mouse) mapping to 12 D2.

**SOURCE**

Skip (F-10) is a mouse monoclonal antibody raised against amino acids 237-536 mapping at the C-terminus of Skip of human origin.

**PRODUCT**

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

**STORAGE**

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

**APPLICATIONS**

Skip (F-10) is recommended for detection of Skip of mouse, rat and 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).

Skip (F-10) is also recommended for detection of Skip in additional species, including equine, canine, bovine and porcine.

**RECOMMENDED SUPPORT REAGENTS**

To ensure optimal results, the following support reagents are recommended: 1) Western Blotting: use m-IgG BP-HRP: sc-516102 or m-IgG 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 Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml). 3) Immunofluorescence: use m-IgG BP-FITC: sc-516140 or m-IgG BP-PE: sc-516141 or Western Blotting Luminol Reagent: sc-2048. 4) SP-HRP (Cruz Marker): sc-2200 or A-375 cell lysate: sc-3811.

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