Per1 (E-8): sc-398890

**REFERENCES**


**CHROMOSOMAL LOCATION**

Genetic locus: PER1 (human) mapping to 17p13.1; Per1 (mouse) mapping to 11B3.

**SOURCE**

Per1 (E-8) is a mouse monoclonal antibody specific for an epitope mapping between amino acids 17-43 near the N-terminus of Per1 of human origin.

**PRODUCT**

Each vial contains 200 µg IgM kappa light chain in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin. Also available as TransCruz reagent for Gel Supershift and ChIP applications, sc-398890 X, 200 µg/0.1 ml. Blocking peptide available for competition studies, sc-398890 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% stabilizer protein).

**APPLICATIONS**

Per1 (E-8) is recommended for detection of Per1 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), immunohistochemistry (including paraffin-embedded sections) (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 Per1 siRNA (h): sc-38171, Per1 siRNA (m): sc-38172, Per1 siRNA (r): sc-108034, Per1 siRNA Plasmid (h): sc-38171-SH, Per1 shRNA Plasmid (h): sc-38171-SH, Per1 shRNA Plasmid (m): sc-38172-SH, Per1 shRNA Plasmid (r): sc-108034-SH, Per1 shRNA (h) Lentiviral Particles: sc-38171-V, Per1 shRNA (m) Lentiviral Particles: sc-38172-V and Per1 shRNA (r) Lentiviral Particles: sc-108034-V.

Per1 (E-8) X TransCruz antibody is recommended for Gel Supershift and ChIP applications.

Molecular Weight of Per1: 140 kDa.

Positive Controls: mouse testis extract: sc-2405, NCI-H292 whole cell lysate: sc-364179 or A549 cell lysate: sc-2413.

**DATA**

**SELECT PRODUCT CITATIONS**


**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.