**REFERENCES**


**CHROMOSOMAL LOCATION**

Genetic locus: CRK (human) mapping to 17p13.3; Crk (mouse) mapping to 11 B5.

**SOURCE**

Crk I/II (D-6) is a mouse monoclonal antibody specific for an epitope mapping between amino acids 109-132 within an internal region of Crk I 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. Blocking peptide available for competition studies, sc-393160 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% stabilizer protein).

**STORAGE**

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

**APPLICATIONS**

Crk I/II (D-6) is recommended for detection of Crk I and Crk II 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).

Crk I/II (D-6) is also recommended for detection of Crk I and Crk II in additional species, including equine, canine, bovine and porcine.

Suitable for use as control antibody for Crk I/II siRNA (h): sc-43704, Crk I/II shRNA Plasmid (h): sc-43704-SH and Crk I/II shRNA (h) Lentiviral Particles: sc-43704-V.

Molecular Weight of Crk I: 23 kDa.

Molecular Weight of Crk II: 34 kDa.

Positive Controls: Crk II (h): 293 Lysate: sc-110474.

**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-PE: sc-516140 or m-IgG BP-FITC: sc-516141 or m-IgG BP-HRP (Cruz Marker): 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-PE: sc-516140 or m-IgG BP-FITC: sc-516141 or m-IgG BP-HRP (Cruz Marker): 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).

**DATA**

![Crk I/II (D-6) Western blot analysis of Crk II expression in non-transfected: sc-110476(A) and human Crk II transfected: sc-110474 (B) 293 whole cell lysates.](image1)

**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.