**Rap 1 (E-6): sc-398755**

**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.

Rap 1 (E-6) is available conjugated to agarose (sc-398755 AC), 500 µg/0.25 ml agarose in 1 ml, for IP; to HRP (sc-398755 HRP), 200 µg/ml, for WB, ICC, and ELISA; to either phycoerythrin (sc-398755 PE), fluorescein (sc-398755 FITC), Alexa Fluor® 488 (sc-398755 AF488), Alexa Fluor® 546 (sc-398755 AF546), Alexa Fluor® 647 (sc-398755 AF647), 200 µg/ml, for WB (RGB), IF, ICC, and FCM; and to either Alexa Fluor® 680 (sc-398755 AF680) or Alexa Fluor® 790 (sc-398755 AF790), 200 µg/ml, for Near-Infrared (NIR) WB, IF, and FCM.

Blocking peptide available for competition studies, sc-398755 P, (100 µg peptide in 0.5 ml PBS containing <0.1% sodium azide and 0.2% stabilizer protein).

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**REFERENCES**

**CHROMOSOMAL LOCATION**
Genetic locus: RAP1A (human) mapping to 1p13.2, RAP1B (human) mapping to 12q15; Rap1a (mouse) mapping to 3F2.2, Rap1b (mouse) mapping to 10D2.

**SOURCE**
Rap 1 (E-6) is a mouse monoclonal antibody specific for an epitope mapping between amino acids 140-174 near the C-terminus of Rap1A of human origin.

**APPLICATIONS**
Rap 1 (E-6) is recommended for detection of Rap 1A and Rap 1B 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).

Suitable for use as control antibody for Rap 1 siRNA (h): sc-36384, Rap 1 siRNA (m): sc-36385, Rap 1 siRNA (r): sc-270358, Rap 1 shRNA Plasmid (h): sc-36384-SH, Rap 1 shRNA Plasmid (m): sc-36385-SH, Rap 1 shRNA Plasmid (r): sc-270358-SH, Rap 1 shRNA (h) Lentiviral Particles: sc-36384-V, Rap 1 shRNA (m) Lentiviral Particles: sc-36385-V and Rap 1 shRNA (r) Lentiviral Particles: sc-270358-V.

Molecular Weight of Rap 1: 21/24 kDa.

Positive Controls: Rap 1A (m): 293T Lysate: sc-122963, KNRK whole cell lysate: sc-2214 or HeLa whole cell lysate: sc-2200.

**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.