

## Product datasheet for **TA386313**

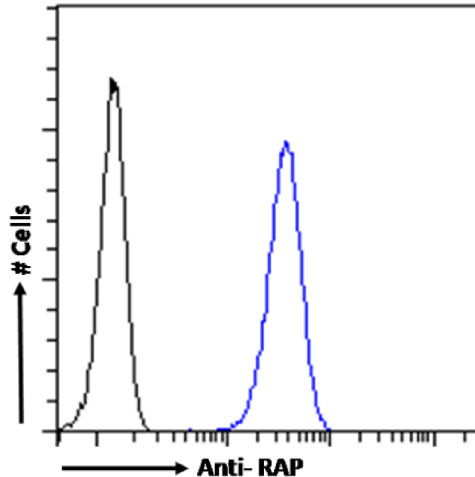
### **RAP Rabbit Monoclonal Antibody [Clone ID: 7F1]**

#### **Product data:**

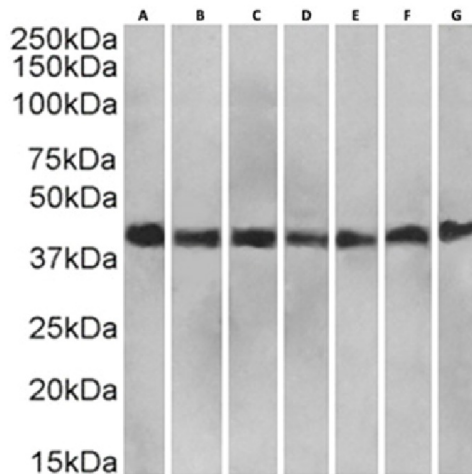
|                |  |
|----------------|--|
| Product Type:  | Primary Antibodies   |
| Clone Name:    | 7F1  |
| Applications:  | ELISA, IHC, IP, WB   |
| Reactivity:    | Human  |
| Host:          | Rabbit   |
| Isotype:       | IgG, kappa   |
| Clonality:     | Monoclonal   |
| Immunogen:     | This antibody was raised by immunising mice with human placental RAP.  |
| Specificity:   | This antibody is specific for human RAP. It does not cross-react with rabbit or murine RAP.<br><br>This antibody has been used to assess human RAP expression by RAP-transfected H4 cells, derived from human neuroglioma cells, in immunostaining analysis (Kinoshita et al, 2001). It has also been used in immunohistochemical analysis of paraffin-embedded human kidney tissue sections (Kounnas et al, 1992), and in ELISA analysis to detect RAP binding (Medh et al, 1995; Kounnas et al, 1993). Additionally, this antibody has been used to immunoprecipitate RAP, and in western blot analysis of purified B-amyloid protein and RAP mixtures (Kerr et al, 2010). |
| Formulation:   | PBS with 0.02% Proclin 300.  |
| Concentration: | lot specific   |
| Conjugation:   | Unconjugated   |
| Storage:       | Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.  |
| Stability:     | 3 years from dispatch.   |
| Note:          | This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.  |

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## Product images:



Flow cytometry using the anti-RAP antibody 7F1 (TA386313). HeLa cells were fixed using 2% PFA and stained with anti-unknown specificity antibody ([TA385792]; isotype control, black line) or the rabbit IgG1 version of 7F1 (TA386313, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Western Blot using anti-RAP antibody (TA386313) Staining in HeLa(A) (0.1ug/ml), A549 (B) (0.01ug/ml), HepG2 (C) (0.01ug/ml), HEK293 (D) (0.03ug/ml), MCF7 (E) (0.03ug/ml), Caco-2 (F) (0.001ug/ml) and U251 (G) (0.001ug/ml) cell lysates (35µg protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of RAP (TA386313) at 0.5 µg/ml, before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.