

## Product datasheet for **TA386170**

### **p21 Ras (HRAS) Rabbit Monoclonal Antibody [Clone ID: Y13-238]**

#### **Product data:**

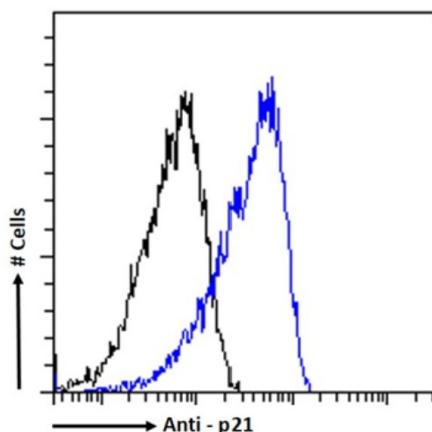
Product Type:	Primary Antibodies
Clone Name:	Y13-238
Applications:	IP
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Monoclonal
Immunogen:	Injection of rats subcutaneously with Ha-MuSV transformed NRK cells and screening of sera of individual animals to identify those with the strongest immune response against p21. Spleens were removed from the immunised animals and cell fusion of immune lymphocytes with rat myeloma cell line 210RCY3 Ag 1.2.3 (Y3) was carried out. Supernatants were harvested and assayed for antibodies to p21 by GDP binding assay or immunofluorescence on Ha-SV-transformed MDCK cells, followed by testing for the ability of the antibodies to immunoprecipitate p21.
Specificity:	<p>The antibody reacts with v-H-ras (within amino acids 120-138) and rodent c-H-ras p21's but not v-K-ras or rodent c-K-ras p21's. This antibody also recognizes human c-H-ras and c-K-ras p21's, but not human c-N-ras.</p> <p>Y13-238 has been used to immunoprecipitate p21 from human peripheral blood lymphoblasts in order to measure its activation state (Downward 1990). Y13-238 has been used as an anti-ras non-neutralising scFv (Cochet 1998).</p>
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.
Gene Name:	Harvey rat sarcoma viral oncogene homolog
Database Link:	<a href="#">Entrez Gene 3265 Human P78460</a>

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**Synonyms:** C-BAS/HAS; C-H-RAS; C-HA-RAS1; CTLO; H-Ras-1; H-RASIDX; Ha-Ras; HAMSV; HRAS1; K-RAS; N-RAS; OTTHUMP00000162769; OTTHUMP00000166053; OTTHUMP00000166055; p21ras; RASH1

**Note:** This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

### Product images:



Flow cytometry using the Anti-p21 antibody Y13-238 (TA386170). Paraformaldehyde fixed MCF7 cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody ([TA385792]; isotype control, black line) or the rabbit IgG version of Y13-238 (TA386170, 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.