

## Product datasheet for **TA386171**

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

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	Y13-238
<b>Applications:</b>	IP
<b>Reactivity:</b>	Human, Mouse
<b>Host:</b>	Rat
<b>Isotype:</b>	IgG2a, lambda
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	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. Splens 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.
<b>Specificity:</b>	<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>
<b>Formulation:</b>	PBS with 0.02% Proclin 300.
<b>Concentration:</b>	lot specific
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
<b>Stability:</b>	3 years from dispatch.
<b>Gene Name:</b>	Harvey rat sarcoma viral oncogene homolog



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**Database Link:** [Entrez Gene 3265 Human P78460](#)

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