

# Anti-NRAS/HRAS/KRAS Recombinant Rabbit Monoclonal Antibody



## Catalog #: 2303

### Aliases

NRAS Proto-Oncogene, GTPase; N-Ras; Neuroblastoma RAS Viral (V-Ras) Oncogene Homolog; Neuroblastoma RAS Viral Oncogene Homolog; Transforming Protein N-Ras; GTPase NRas; V-Ras Neuroblastoma RAS Viral Oncogene Homolog; Proto-Oncogene GTPase; N-Ras Protein Part 4; EC 3.6.5.2; ALPS4; NRAS1; HRAS1; CMNS; KRAS; NCMS; NS6; HRas Proto-Oncogene, GTPase; HRAS1; V-Ha-Ras Harvey Rat Sarcoma Viral Oncogene Homolog; Harvey Rat Sarcoma Viral Oncogene Homolog; Transforming Protein P21; GTPase HRas; P21ras; Ras Family Small GTP Binding Protein H-Ras; Harvey Rat Sarcoma Viral Oncoprotein; Transformation Gene: Oncogene HAMSV; GTP- And GDP-Binding Peptide B; Ha-Ras1 Proto-Oncoprotein; C-Has/Bas P21 Protein; P19 H-RasIDX Protein; EC 3.6.5.2; C-BAS/HAS; C-HA-RAS1; H-RASIDX; C-H-RAS; H-Ras-1; C-H-Ras; Ha-Ras; HAMSV; RASH1; CTLO; KRAS Proto-Oncogene, GTPase; K-Ras4B; KRAS1; KRAS2; V-Ki-Ras2 Kirsten Rat Sarcoma 2 Viral Oncogene Homolog; Kirsten Rat Sarcoma Viral Oncogene Homolog; GTPase KRas; C-Ki-Ras; K-Ras 2; RASK2; V-Ki-Ras2 Kirsten Rat Sarcoma Viral Oncogene Homolog; Kirsten Rat Sarcoma Viral Proto-Oncogene; Cellular Transforming Proto-Oncogene; Cellular C-Ki-Ras2 Proto-Oncogene; Transforming Protein P21; PR310 C-K-Ras Oncogene; C-Kirsten-Ras Protein; Proto-Oncogene GTPase; K-Ras P21 Protein; Oncogene KRAS2; EC 3.6.5.2; C-Ki-Ras2; 'C-K-RAS; C-K-RAS; K-RAS2A; K-RAS2B; K-RAS4A; C-K-Ras; KI-RAS; Ki-Ras; K-Ras; CFC2; RALD; NS3; OES; NS

### Background

Gene Name: NRAS/HRAS/KRAS

NCBI Gene Entry: [4893/3265/3845](#)

UniProt Entry: [P01111/P01112/P01116](#)

### Application Information

Molecular Weight: Predicted, 21 kDa; observed, 21 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB220

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human KRAS+HRAS+NRAS

### Isotype

Rabbit IgG

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#### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

#### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

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## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

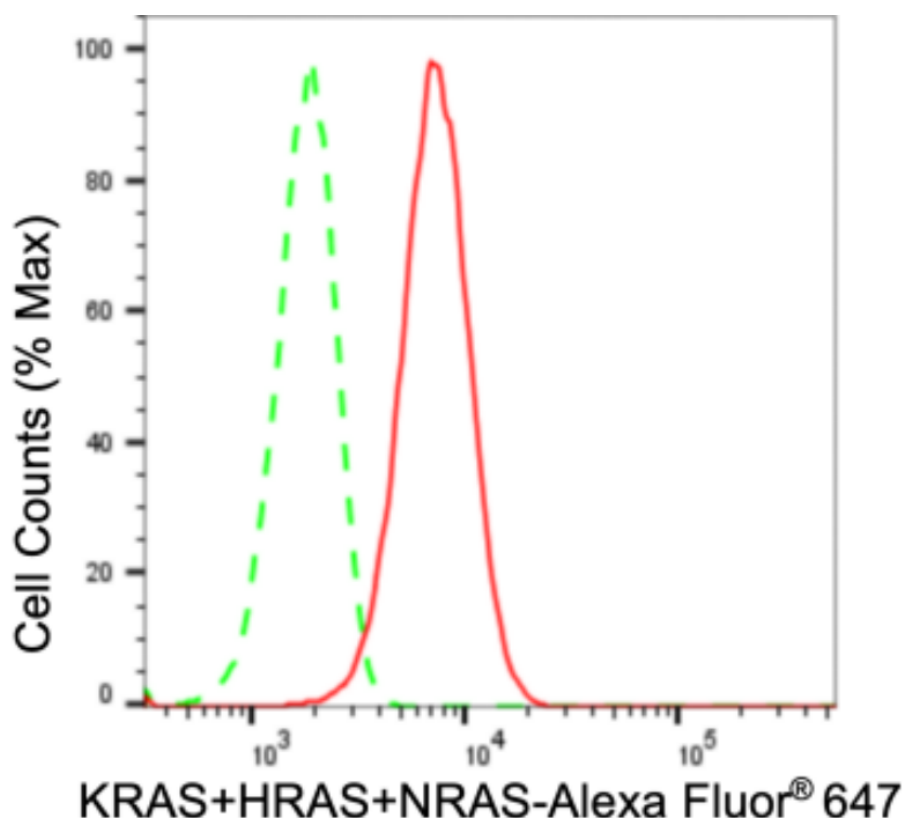
Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

## Validation Data



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Flow cytometric analysis of KRAS+HRAS+NRAS expression in HeLa cells using KRAS+HRAS+NRAS antibody (Cat#2303, 1:2,000). Green, isotype control; red, KRAS+HRAS+NRAS.

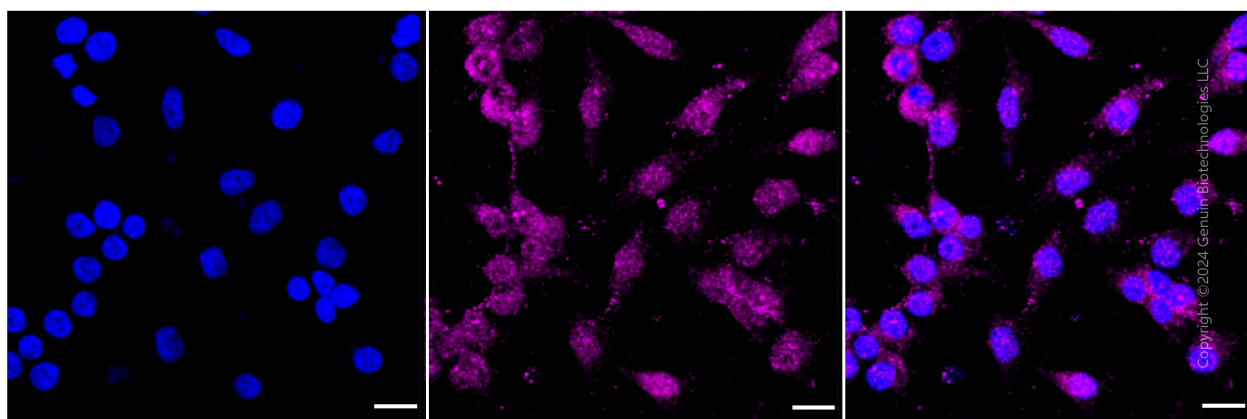
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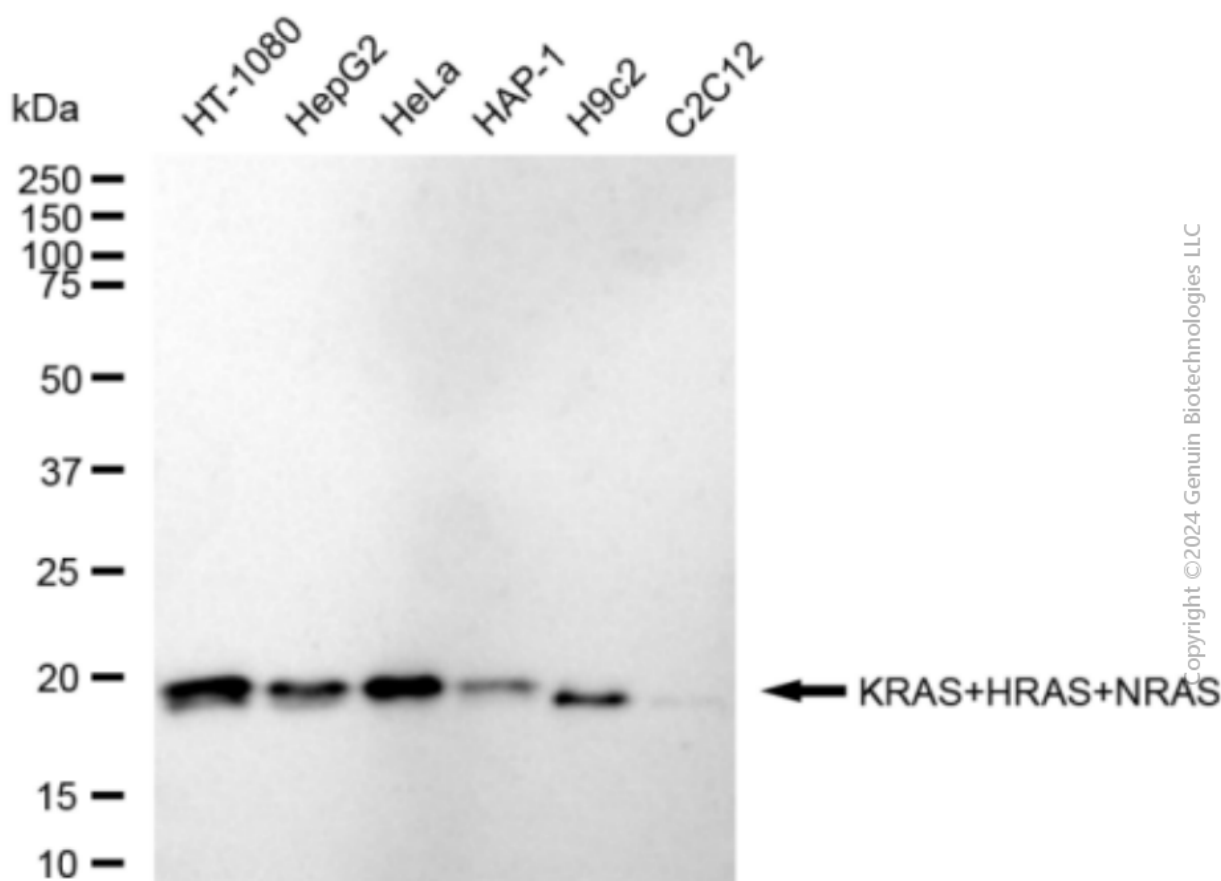
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Immunocytochemical staining of HeLa cells with anti-KRAS+HRAS+NRAS antibody (Cat#2303, 1:1,000). Nuclei were stained blue with DAPI; KRAS+HRAS+NRAS was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.



Western blotting analysis using anti-KRAS+HRAS+NRAS antibody (Cat#2303). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-KRAS+HRAS+NRAS antibody (Cat#2303, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™

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ECL Substrate Kit (Cat#226).

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