

Anti-NRAS Antibody (8077)

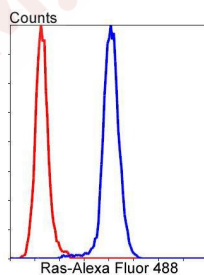
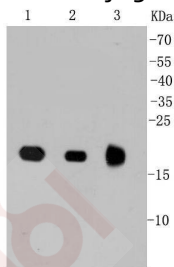
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat,zebrafish
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 18 kDa.
Clone:	8077
Purification:	ProA affinity purified

Applications

1. Western blot analysis of Ras on different lysates using anti-Ras antibody at 1/1,000 dilution. Positive control: Lane 1: MCF-7, Lane 2: 293T, Lane 3: Mouse brain.
2. Flow cytometric analysis of Hela cells with Ras antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Verified Activity:



Application:	FCM,IP,WB
Recommended	WB: 1:1000-5000; FCM: 1:10-100

Properties

- Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
- Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P01111

Synonyms: NS6;neuroblastoma RAS viral (v-ras) oncogene homolog;NCMS;N-ras;ALPS4;NRAS1;CMNS

Research Background

Ras superfamily is a protein superfamily of small GTPases, which are all related, to a degree, to the Ras protein subfamily (the key human members of which are KRAS, NRAS, and HRAS). Receptor tyrosine kinases and G protein-coupled receptors activate Ras, which then stimulates the Raf-MEK-MAPK pathway. GTPase-activating proteins (GAP) normally facilitate the inactivation of Ras. However, research studies have shown that in 30% of human tumors, point mutations in Ras prevent the GAP-mediated inhibition of this pathway. The most common oncogenic Ras mutation found in tumors is Gly12 to Asp12 (G12D), which prevents Ras inactivation, possibly by increasing the overall rigidity of the protein. This antibody is predicted to react with H-Ras, N-Ras and K-Ras.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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