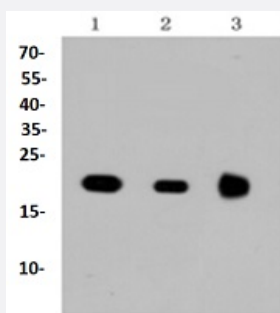


RecomAb™

NRAS recombinant monoclonal antibody

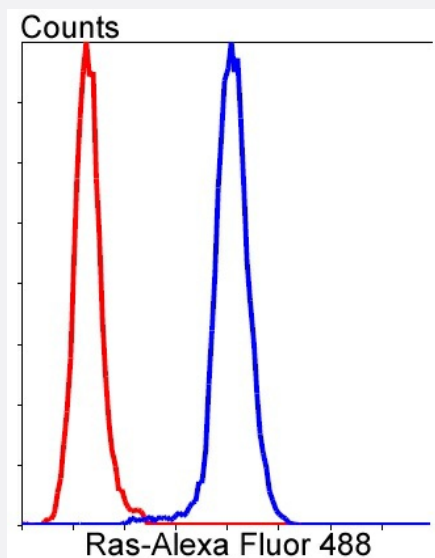
Catalog # RAB02661 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane1:MCF7 whole cell lysate Lane2:293T whole cell lysate Lane3:The brain tissue lysate of Mouse with NRAS recombinant monoclonal antibody (Cat # RAB02661) at 1:1000 dilution.



Flow Cytometry

Flow cytometric analysis of HeLa cells with NRAS recombinant monoclonal antibody (Cat # RAB02661) 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.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against NRAS.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant NRAS.

Theoretical MW (kDa)	18
Reactivity	Human, Mouse, Rat, Zebra fish
Specificity	This antibody is predicted to react with H-Ras, N-Ras and K-Ras.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:10-1:100) Immunoprecipitation (1:50-1:200) Western Blot (1:1000-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS , pH7.2 (0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane1:MCF7 whole cell lysate Lane2:293T whole cell lysate Lane3:The brain tissue lysate of Mouse with NRAS recombinant monoclonal antibody (Cat # RAB02661) at 1:1000 dilution.

- Immunoprecipitation

- Flow Cytometry

Flow cytometric analysis of Hela cells with NRAS recombinant monoclonal antibody (Cat # RAB02661) 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.

Gene Info — NRAS

Entrez GeneID	4893
Protein Accession#	P01111

Gene Name	NRAS
Gene Alias	ALPS4, N-ras, NRAS1
Gene Description	neuroblastoma RAS viral (v-ras) oncogene homolog
Omim ID	114500 164790 188470
Gene Ontology	Hyperlink
Gene Summary	This is an N-ras oncogene encoding a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. This shuttling is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. The encoded protein, which has intrinsic GTPase activity, is activated to a GTP-bound form by a GTPase activating protein and inactivated to a GDP-bound form by a guanine nucleotide-exchange factor. Defects in this gene are a cause of juvenile myelomonocytic leukemia (JMML). [provided by RefSeq]
Other Designations	N-ras protein part 4 OTTHUMP00000013879 v-ras neuroblastoma RAS viral oncogene homolog

Pathway

- [Acute myeloid leukemia](#)
- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [Bladder cancer](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Gap junction](#)
- [Glioma](#)
- [GnRH signaling pathway](#)
- [Insulin signaling pathway](#)
- [Long-term depression](#)

- [Long-term potentiation](#)
- [MAPK signaling pathway](#)
- [Melanogenesis](#)
- [Melanoma](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)
- [T cell receptor signaling pathway](#)
- [Thyroid cancer](#)
- [Tight junction](#)
- [VEGF signaling pathway](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Blast Crisis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Common Bile Duct Neoplasms](#)
- [Diabetes Mellitus](#)

- [Disease Progression](#)
- [Edema](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Leukemia](#)
- [Lymphatic Metastasis](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Microsatellite Instability](#)
- [Myelodysplastic Syndromes](#)
- [Necrosis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neurofibromatosis](#)
- [Nevus](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Purpura](#)
- [Ras oncogene](#)
- [Sarcoma](#)
- [Skin Neoplasms](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)

- [Urinary Bladder Neoplasms](#)