

32-6185: Mouse Anti Human Neuroblastoma RAS Viral Oncogene Homolog(Clone: PAT2G9AT.)

Clonality :	Monoclonal
Clone Name :	PAT2G9AT.
Application :	ELISA, WB
Gene :	NRAS
Gene ID :	4893
Uniprot ID :	P01111
Format :	Purified
Alternative Name :	GTPase NRas, HRAS1, ALPS4, N-ras, NRAS1, NS6, Transforming protein N-Ras.
Isotype :	Mouse IgG2a heavy chain and k light chain.
Immunogen Information :	Anti-human NRAS mAb, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human NRAS amino acids 1-186 purified from E. coli.

Description

NRAS binds GDP/GTP and has intrinsic GTPase activity. NRAS is a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. This transport is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. NRAS 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 NRAS gene result in juvenile myelomonocytic leukemia.

Product Info

Amount :	20 µg
Purification :	NRAS antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

NRAS antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:5000. Recommended starting dilution is 1:1000.