

For Research Use Only

NRAS Monoclonal antibody

Catalog Number: 60934-3-Ig



Basic Information

Catalog Number: 60934-3-Ig	GenBank Accession Number: BC005219	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4893	CloneNo.: 2E9E7
Source: Mouse	UNIPROT ID: P01111	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG2a	Full Name: neuroblastoma RAS viral (v-ras) oncogene homolog	
Immunogen Catalog Number: AG29746	Calculated MW: 21 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, C6 cells, NIH/3T3 cells, pig brain tissue, rabbit brain tissue
Species Specificity: human, mouse, rat, pig, rabbit	

Background Information

NRAS, also named as N-ras and NRAS1, is neuroblastoma RAS viral (v-ras) oncogene homolog from the mammalian ras gene family and it is a member of the small GTPase superfamily. RAS proteins are involved in signal transduction pathways, and bind GDP/GTP and possess intrinsic GTPase activity. It is mapped on chromosome 1, and it is activated in HL60, a promyelocytic leukemia line. Defects in NRAS are a cause of juvenile myelomonocytic leukemia (JMML).

Storage

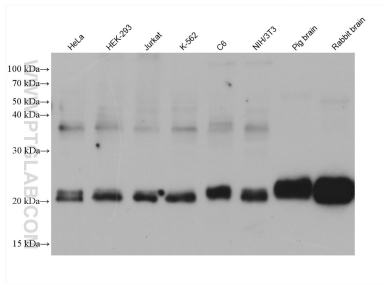
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60934-3-Ig (NRAS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.