

Product Datasheet

KRAS Antibody (D113) [HRP] - Mutant NBP3-43582H

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-43582H

KRAS Antibody (D113) [HRP] - Mutant

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	D113
Preservative	No Preservative
Isotype	IgG1
Conjugate	HRP
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	3845
Gene Symbol	KRAS
Species	Human
Specificity/Sensitivity	This antibody binds the G12D mutant form of human KRAS protein. This ras protein binds GDP/GTP and possess intrinsic GTPase activity, that results in conversion of nucleotide guanosine triphosphate (GTP) into guanosine diphosphate (GDP). This protein plays an important role in many signal transduction pathways and regulation of cell proliferation. Somatic KRAS mutations are highly observed in leukemias, colorectal cancer, pancreatic cancer and lung cancer. KRAS mutation is G12D which is estimated to be present in up to 37% pancreatic cancers and over 12% of colorectal cancers.
Immunogen	The original antibody was generated by immunizing mice with a synthetic dodecapeptide 'KLVVVGADGVGK'. (Uniprot# P01116-2)

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP3-43582H

NBP1-97074	Mouse IgG1 Isotype Control (MG1) [HRP]
H00003845-P01-10ug	Recombinant Human KRAS GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP1-45274-0.1mg	Recombinant Human KRAS His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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