

# Product Datasheet

## KRAS Antibody (D113) - Mutant - BSA Free NBP3-43582

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-43582**

KRAS Antibody (D113) - Mutant - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	D113
Preservative	0.02% Proclin 300
Isotype	IgG1
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





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### **Products Related to NBP3-43582**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00003845-P01-10ug	Recombinant Human KRAS GST (N-Term) Protein

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### **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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