

Product Datasheet

KRAS Antibody (D113) [Janelia Fluor® 525] - Mutant NBP3-43583JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-43583JF525

KRAS Antibody (D113) [Janelia Fluor® 525] - 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 | 0.05% Sodium Azide |
| Isotype | IgG |
| Conjugate | Janelia Fluor 525 |
| Purity | Protein A purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Rabbit |
| 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) |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. |
| 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 NBP3-43583JF525

| | |
|--------------------|---|
| 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 |
| 291-G1-200 | IGF-I/IGF-1 [Unconjugated] |

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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