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Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-KRAS G12C mutant [AbAbKRAS01] Bulk Size Ab03878-1.1-BT

Isotype and Format: Mouse IgG1, Kappa
Clone Number: AbAbKRAS01
Alternative Name(s) of Target: K-Ras; GTPase Kras; KRAS2; RASK2; K-Ras 2; Ki-Ras; c-K-ras; c-Ki-ras; ras p21 protein; p21 ras
UniProt Accession Number of Target Protein: P01116
Published Application(s): WB, ELISA
Published Species Reactivity: Human
Immunogen: The original antibody was generated by immunizing BALB/c mice with recombinant human KRAS G12C mutant protein.
Specificity: This antibody binds the G12C 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.
Application Notes: The binding reactivity of this antibody towards mutated KRAS (G12C), VEGFA, TIGIT, HB-EGF and HSP90 was tested using ELISA. It was reported that this antibody does not cross react with any other molecule than mutant KRAS. This antibody specifically recognizes the KRAS protein in celly lysates of human lung cancer cell line A549 and human colon cancer cell line SW480 in a western blot (CN111705065).
Antibody First Published in: PMID:
Note on publication:

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{o}C.
Concentration:

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1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

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