# HRAS+KRAS Antibody FITC Conjugated

Catalog No: #C06257F

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## Description

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|---|---|
| Product Name | HRAS+KRAS Antibody FITC Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | IF |
| Species Reactivity | Hu Ms Rt |
| Immunogen Description | KLH conjugated synthetic peptide derived from human HRAS+KRAS |
| Conjugates | FITC |
| Target Name | HRAS+KRAS |
| Other Names | p21ras; Transforming protein p21; GTPase HRas; GTPase KRas; HRas; HRAS1; KRas; KRAS2; RASH; RASK; RASH_HUMAN; RASK_HUMAN. |
| Accession No. | NCBI Gene ID3265 |
| Uniprot | P01112 |
| GeneID | 3265; |
| Excitation Emission | 494nm 518nm |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

## Application Details

IF=1:50-200

## Background

The KRAS gene encodes the human cellular homolog of a transforming gene isolated from the Kirsten rat sarcoma virus. The RAS proteins are GDP GTP-binding proteins that act as intracellular signal transducers. The most well-studied members of the RAS (derived from 'RAt Sarcoma' virus) gene family include KRAS, HRAS, and NRAS. These genes encode immunologically related proteins with a molecular mass of 21 kD and are homologs of rodent sarcoma virus genes that have transforming abilities. While these wildtype cellular proteins in humans play a vital role in normal tissue signaling, including proliferation, differentiation, and senescence, mutated genes are potent oncogenes that play a role in many human cancers.

Note: This product is for in vitro research use only