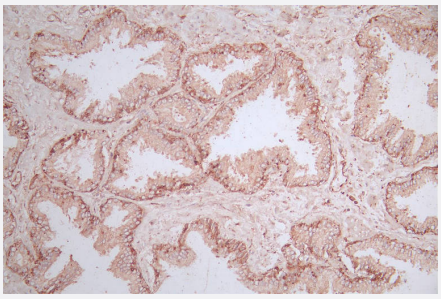
RecomAb™

MRAS recombinant monoclonal antibody, clone 17H12

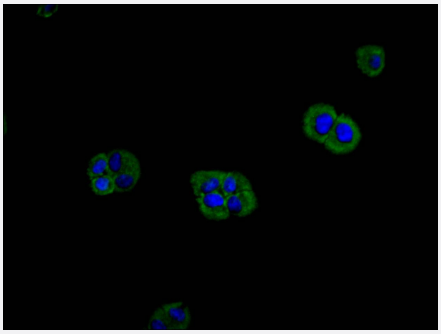
Catalog # RAB07806 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of MRAS recombinant monoclonal antibody, clone 17H12 diluted at 1:600 and staining in paraffin-embedded human prostate tissue performed on a Leica BondTM system.



Immunofluorescence

Immunofluorescence staining of Hela Cells with MRAS recombinant monoclonal antibody, clone 17H12 at 1:200, counter-stained with DAPI.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MRAS.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MRAS.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification

Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry(1:50-1:200) Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemistry image of MRAS recombinant monoclonal antibody, clone 17H12 diluted at 1:600 and staining in paraffin-embedded human prostate tissue performed on a Leica BondTM system.

- Immunofluorescence

  Immunofluorescence staining of Hela Cells with MRAS recombinant monoclonal antibody, clone 17H12 at 1:200, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MRAS

Entrez GeneID	22808
Protein Accession#	O14807
Gene Name	MRAS
Gene Alias	FLJ42964, M-RAs, R-RAS3, RRAS3
Gene Description	muscle RAS oncogene homolog
Omim ID	608435
Gene Ontology	Hyperlink

Gene Summary	Members of the RAS superfamily of GTP-binding proteins, which includes MRAS, are membrane-anchored, intracellular signal transducers responsible for a variety of normal cellular functions. The y are oncogenically activated in a significant fraction of tumors.[supplied by OMIM
Other Designations	muscle and microspikes RAS

Pathway

- MAPK signaling pathway
- Regulation of actin cytoskeleton
- Tight junction

Disease

- Coronary Artery Disease
- Coronary Disease
- Genetic Predisposition to Disease
- Myocardial Infarction
- Parkinson disease