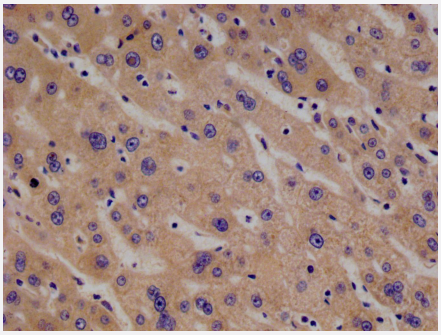
RecomAb™

PAH recombinant monoclonal antibody, clone 17D10

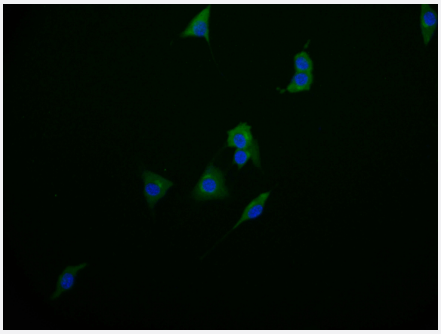
Catalog # RAB07638 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of PAH recombinant monoclonal antibody, clone 17D10 diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system.



Immunofluorescence

Immunofluorescence staining of MCF-7 Cells with PAH recombinant monoclonal antibody, clone 17D10 at 1:50, counter-stained with DAPI.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PAH.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human PAH.
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 PAH recombinant monoclonal antibody, clone 17D10 diluted at 1:100 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system.

- Immunofluorescence

  Immunofluorescence staining of MCF-7 Cells with PAH recombinant monoclonal antibody, clone 17D10 at 1:50, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PAH

Entrez GeneID	5053
Protein Accession#	P00439
Gene Name	PAH
Gene Alias	PH, PKU, PKU1
Gene Description	phenylalanine hydroxylase
Omim ID	261600
Gene Ontology	Hyperlink

Gene Summary	PAH encodes the enzyme phenylalanine hydroxylase that is the rate-limiting step in phenylalanine catabolism. Deficiency of this enzyme activity results in the autosomal recessive disorder phenylk etonuria. [provided by RefSeq
Other Designations	-

Pathway

- Metabolic pathways
- Phenylalanine

Disease

- Anorexia Nervosa
- Autistic Disorder
- Bulimia
- Cognition
- Dyskinesia
- Galactosemias
- Genetic Predisposition to Disease
- Hallucinations
- Male Urogenital Diseases
- Mental Disorders
- Phenylketonuria
- Phenylketonurias
- Prostate cancer
- Prostatic Neoplasms
- Psychotic Disorders
- Schizophrenia