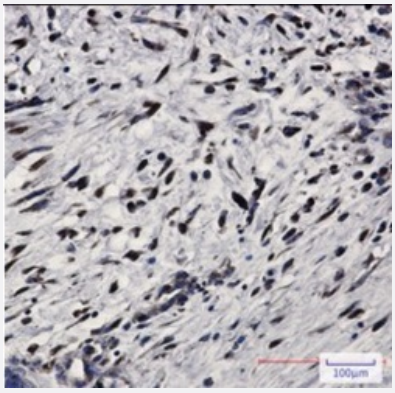
RecomAb™

EIF2AK2 recombinant monoclonal antibody, clone R08-2C8

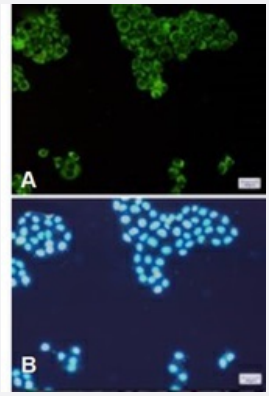
Catalog # RAB01720 Size 100 uL

Applications



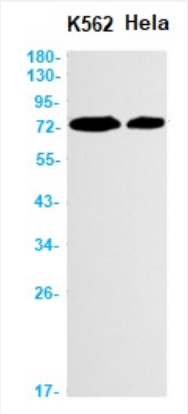
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Cholangiocarcinoma with PKR recombinant monoclonal antibody, clone R08-2C8 (Cat # RAB01720). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry

Immunocytochemical staining of Hela with PKR recombinant monoclonal antibody, clone R08-2C8 (Cat # RAB01720). (A) PKR (green) and (B) DAPI (blue).



Western Blot

Western blot analysis of PKR in K562, Hela lysates using human PKR recombinant monoclonal antibody, clone R08-2C8 (Cat # RAB01720).

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Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human EIF2AK2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human PKR
Theoretical MW (kDa)	Calculated MW: 62 kD
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°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 (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human Cholangiocarcinoma with PKR recombinant monoclonal antibody, clone R08-2C8 (Cat # RAB01720). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Immunohistochemistry (Frozen sections)

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- Immunocytochemistry

  Immunocytochemical staining of Hela with PKR recombinant monoclonal antibody, clone R08-2C8 (Cat # RAB01720). (A) PKR (green) and (B) DAPI (blue).

- Immunoprecipitation

- Western Blot

  Western blot analysis of PKR in K562, Hela lysates using human PKR recombinant monoclonal antibody, clone R08-2C8 (Cat # RAB01720).

Gene Info — EIF2AK2

Entrez GeneID	5610
Protein Accession#	P19525
Gene Name	EIF2AK2
Gene Alias	EIF2AK1, MGC126524, PKR, PRKR
Gene Description	eukaryotic translation initiation factor 2-alpha kinase 2
Omim ID	176871
Gene Ontology	Hyperlink
Gene Summary	interferon-inducible double stranded RNA dependent
Other Designations	OTTHUMP00000126954|double stranded RNA activated protein kinase|interferon-inducible eIF2 alpha kinase|protein kinase, interferon-inducible double stranded RNA dependent

Disease

- Abortion
- Brain Ischemia
- Cardiovascular Diseases
- Coronary Disease
- Genetic Predisposition to Disease
- Hepatitis B

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- Hepatitis C
- Liver Cirrhosis
- Myocardial Infarction
- Ovarian Neoplasms
- Stroke

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