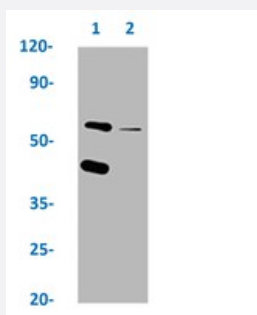


RecomAb™

EIF2AK2 (phospho T446) recombinant monoclonal antibody, clone 2F8

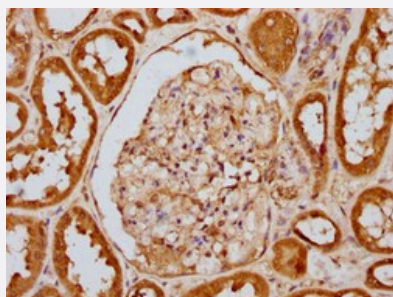
Catalog # RAB04235 Size 100 uL

Applications



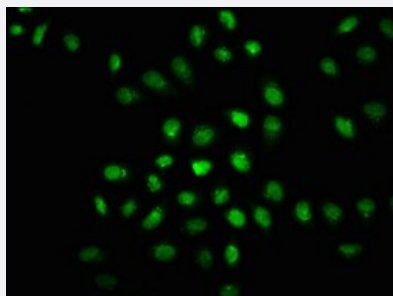
Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate (treated with Calyculin A 100 nM/60 mins) and Lane 2: Hela whole cell lysate (not treated) with EIF2AK2 (phospho T446) recombinant monoclonal antibody, clone 2F8 (Cat # RAB04235).



Immunohistochemistry

Immunohistochemical staining of human kidney tissue with EIF2AK2 (phospho T446) recombinant monoclonal antibody, clone 2F8 (Cat # RAB04235) (diluted at 1:100).



Immunofluorescence

Immunofluorescent staining of Hela cells with EIF2AK2 (phospho T446) recombinant monoclonal antibody, clone 2F8 (Cat # RAB04235) (diluted at 1:100). The secondary antibody was Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Counter-stain DAPI was used (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human EIF2AK2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding T446 of human EIF2AK2.
Theoretical MW (kDa)	Calculated MW: 62 kD
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunofluorescence (1:20-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
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 should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate (treated with Calyculin A 100 nM/60 mins) and Lane 2: Hela whole cell lysate (not treated) with EIF2AK2 (phospho T446) recombinant monoclonal antibody, clone 2F8 (Cat # RAB04235).

- Immunohistochemistry

Immunohistochemical staining of human kidney tissue with EIF2AK2 (phospho T446) recombinant monoclonal antibody, clone 2F8 (Cat # RAB04235) (diluted at 1:100).

- Immunofluorescence

Immunofluorescent staining of Hela cells with EIF2AK2 (phospho T446) recombinant monoclonal antibody, clone 2F8 (Cat # RAB04235) (diluted at 1:100). The secondary antibody was Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Counter-stain DAPI was used (blue).

- Enzyme-linked Immunoabsorbent Assay

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](#)
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- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
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