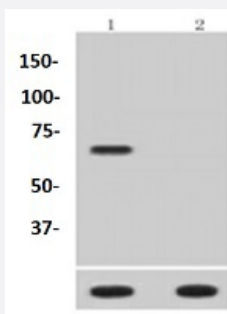


RecomAb™

EIF2AK2 (phospho T446) recombinant monoclonal antibody

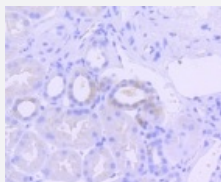
Catalog # RAB02735 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: Hela treated with Calyculin A and TNF-alpha whole cell lysates Lane 2: Untreated Hela whole cell lysates with EIF2AK2 (phospho T446) recombinant monoclonal antibody (Cat # RAB02735) at 1:1000 dilution.



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

Immunohistochemical analysis of paraffin-embedded human kidney tissue using EIF2AK2 (phospho T446) recombinant monoclonal antibody (Cat # RAB02735). Counter stained with hematoxylin.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against EIF2AK2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant EIF2AK2.
Theoretical MW (kDa)	62
Reactivity	Human
Specificity	This antibody detects endogenous levels of human PKR protein only when phosphorylated at Thr446.

Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.2 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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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

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