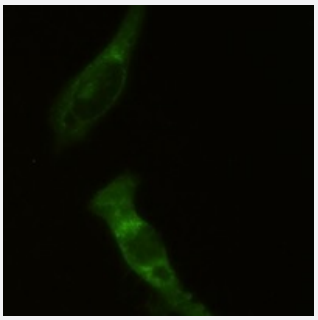
RecomAb™ Sm Size

Eif2ak2 recombinant monoclonal antibody

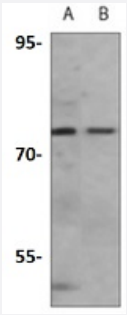
Catalog # RAB09100 Size 50 uL

Applications



Immunofluorescence

Immunofluorescent analysis of NIH3T3 cells with PKR recombinant monoclonal antibody (Cat # RAB09100). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



Western Blot (Cell lysate)

Western blot analysis of C6 (A), NIH3T3 (B) whole cell lysates with PKR recombinant monoclonal antibody (Cat # RAB09100).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against mouse Eif2ak2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein of mouse PKR
Theoretical MW (kDa)	75
Reactivity	Mouse, Rat

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Specificity	Recognizes endogenous levels of PKR protein.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:100) Immunofluorescence (1:50-1:100) Immunoprecipitation(1:10-1:50) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
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 shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescent analysis of NIH3T3 cells with PKR recombinant monoclonal antibody (Cat # RAB09100). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

- Western Blot (Cell lysate)

  Western blot analysis of C6 (A), NIH3T3 (B) whole cell lysates with PKR recombinant monoclonal antibody (Cat # RAB09100).

Gene Info — Eif2ak2

Entrez GeneID	19106
Protein Accession#	Q03963;Q63184
Gene Name	Eif2ak2
Gene Alias	2310047A08Rik, 4732414G15Rik, AI467567, AI747578, Pkr, Prkr, Tik

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Description	eukaryotic translation initiation factor 2-alpha kinase 2
Gene Ontology	Hyperlink
Gene Summary	interferon induc
Other Designations	IFN- type I-induced and dsRNA-activated kinase|IFN-induced and double-stranded RNA-activated kinase|T-cell viral integration site|dsRNA-activated kinase|eIF-2 alpha|eukaryotic translation initiation factor 2 alpha kinase 2|protein kinase, interferon induc

Copyright © 2023 Abnova Corporation. All Rights Reserved.