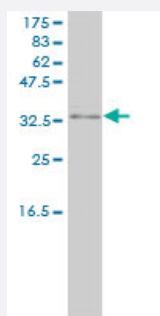


PRKRA monoclonal antibody (M01), clone 1B9-1A7

Catalog # H00008575-M01

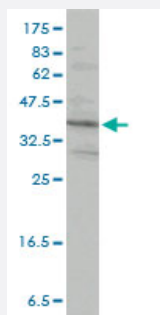
Size 100 ug

Applications



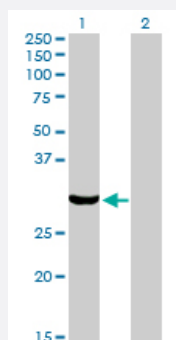
Western Blot (Tissue lysate)

PRKRA monoclonal antibody (M01), clone 1B9-1A7. Western Blot analysis of PRKRA expression in human liver.



Western Blot (Cell lysate)

PRKRA monoclonal antibody (M01), clone 1B9-1A7 Western Blot analysis of PRKRA expression in HeLa (Cat # L013V1).

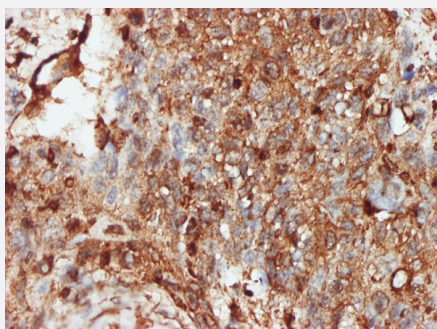


Western Blot (Transfected lysate)

Western Blot analysis of PRKRA expression in transfected 293T cell line by PRKRA monoclonal antibody (M01), clone 1B9-1A7.

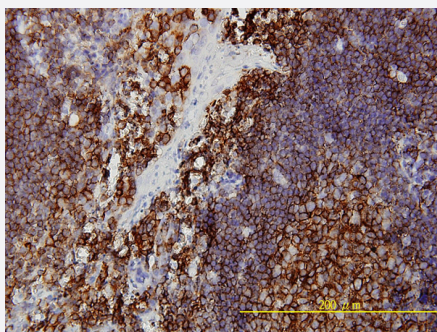
Lane 1: PRKRA transfected lysate(34.4 KDa).

Lane 2: Non-transfected lysate.



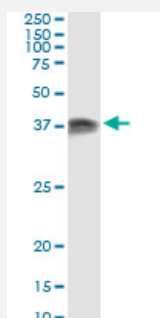
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to PRKRA on formalin-fixed paraffin-embedded human squamous cell carcinoma. [antibody concentration 5 ug/ml]



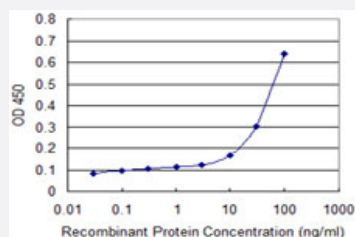
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to PRKRA on formalin-fixed paraffin-embedded human tonsil tissue. [antibody concentration 5 ug/ml]



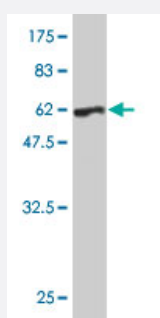
Immunoprecipitation

Immunoprecipitation of PRKRA transfected lysate using anti-PRKRA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PRKRA MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRKRA is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (60.17 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant PRKRA.

Immunogen

PRKRA (AAH09470, 1 a.a. ~ 313 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence	MSQSRHRAEAPPLEREDSGTFSLGKMITAKPGKTPIQVLHEYGMKTKNIPVYECERSDVQIHVPTF TFRVTVGDITCTGEGTSKKLAKHRAAEAAINILKANASICFAVPDPLMPDPSKQPKNQLNPIGSLQE LAIHHGWRLPEYTLSEQEGGPAHKREYTTICRLESFMETGKGASKKQAKRNAAEKFLAKFSNISPEN HISLTNVVGHS LGCTWHSLRNSPG EKINLLKRSL SIPNTDYIQLLSEIAKEQGFNITYLDIDELSANG QYQCLAELSTSPITVCHGSGISCGNAQSDAAHNALQYLKIIAERK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (60.17 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PRKRA monoclonal antibody (M01), clone 1B9-1A7. Western Blot analysis of PRKRA expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

PRKRA monoclonal antibody (M01), clone 1B9-1A7 Western Blot analysis of PRKRA expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PRKRA expression in transfected 293T cell line by PRKRA monoclonal antibody (M01), clone 1B9-1A7.

Lane 1: PRKRA transfected lysate(34.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to PRKRA on formalin-fixed paraffin-embedded human squamous cell carcinoma. [antibody concentration 5 ug/ml]

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to PRKRA on formalin-fixed paraffin-embedded human tonsil tissue. [antibody concentration 5 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of PRKRA transfected lysate using anti-PRKRA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PRKRA MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PRKRA is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PRKRA

Entrez GeneID [8575](#)

GeneBank Accession# [BC009470](#)

Protein Accession# [AAH09470](#)

Gene Name PRKRA

Gene Alias DYT16, HSD14, PACT, RAX

Gene Description protein kinase, interferon-inducible double stranded RNA dependent activator

Omim ID [603424](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein kinase activated by double-stranded RNA which mediates the effect of interferon in response to viral infection. Mutations in this gene have been associated with dystonia. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

Other Designations

protein activator of the interferon-induced protein kinase

Publication Reference

- [Knock-down of core proteins regulating microRNA biogenesis has no effect on sensitivity of lung cancer cells to ionizing radiation.](#)

Surova O, Akbar NS, Zhivotovsky B.

PLoS One 2012 Mar; 7(3):e33134.

Application: WB-Ce, Human, Human lung cancer cell lines

Disease

- [Alcoholism](#)
- [Cardiovascular Diseases](#)
- [Conduct Disorder](#)
- [Diabetes Mellitus](#)
- [Dystonic Disorders](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)