

Datasheet

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

Catalog Number: H00008575-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant PRKRA.

Clone Name: 1B9-1A7

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:

MSQSRHRAEAPPLEREDSGTFLGKMITAKPGKTPIQ
VLHEYGMKTKNIPVYECERSDVQIHVPTFTFRVTVGDI
TCTGEGTSKKLAKHRAAEAAINILKANASICFAVPDPLM
PDPSKQPKNQLNPIGSLQELAIHHGWRLPEYTLSQEG
GPAHKREYTTICRLEFSMETGKGASKKQAKRNAAEKF
LAKFSNISPENHISLTNVVGHSLGCTWHSLRNSPGEKI
NLLKRSLLSIPNTDYIQLLSEIAKEQGFNITYLDIDELSAN
GQYQCLAELSTSPITVCHGSGISCGNAQSDAAHNALQ
YLKIIAERK

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, IP, S-ELISA, WB-Ce,
WB-Re, WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8575

Gene Symbol: PRKRA

Gene Alias: DYT16, HSD14, PACT, RAX

Gene Summary: This gene encodes a protein kinase activated by double-stranded RNA which mediates the effects 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]

References:

1. 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;7(3):e33134. Epub 2012 Mar 30.