

Datasheet

JRK mouse monoclonal antibody (hybridoma)

Catalog Number: H00008629-M

Regulation Status: For research use only (RUO)

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

Immunogen: JRK (AAH43351.1, 1 a.a. ~ 568 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MASKPAAGKSRGEKRRVVLTLKEKIDICTRLEKGESR
KALMQEYNVGMSTLYDIRAHKAQLLRFFASSDSNKAL
EQRRTLHTPKLEHLDRVLYEWFLGKRSEGVPSGPMML
IEKAKDFYEQMQLTEPCVFSGGWLWRFKARHGIIKLD
ASSEKQSADHQAAEQFCAFFRSLAAEHGLSAEQVYNA
DETGLFWRCLPNPTPEGGAVPGPKQGKDRLTVLMCA
NATGSHRLKPLAIGKCSGPRAFKGIQHLPVAYKAQGN
AWVDKEIFSDWFHHIFVPSVREHFRTIGLPEDSKAVLL
LDSSRAHPQEAELVSSNVFTIFLPASVASLVQPMEQGI
RRDFMRNFNPPVPLQGPHARYNMNDAIFSVACAWNA
VPSHVFRRAWRKWLWPSVAFAEGSSSEEELEAECFPV
KPHNKSFAHILELVKEGSSCPGQLRQRQAASWGVAG
REAEGGRPPAATSPAIEVWSSEKTPKADQDGRGDPG
EGEEVAWEQAQAVAFDAVLRFAERQPCFSAQEVGQLR
ALRAVFRSQQQVRRRRGALGAVVKVEALQEGPGGCG
ATAQSPLPCSSTAGDN

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re, 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

Entrez GeneID: 8629

Gene Symbol: JRK

Gene Alias: DKFZp686C24207, FLJ45729, JH8

Gene Summary: This gene is the human homolog of the mouse jerky gene. The encoded protein has similarity to several nuclear regulatory proteins, including centromere protein B, suggesting that it might function as a DNA-binding protein. Insertional inactivation of this gene in transgenic mice resulted in epileptic seizures. Childhood Absence Epilepsy (CAE) has been mapped to the same chromosomal location (8q24.3) as this gene, making this gene a strong candidate for CAE. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]