

Datasheet

DYRK3 monoclonal antibody (M01), clone 3E10

Catalog Number: H00008444-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant DYRK3.

Clone Name: 3E10

Immunogen: DYRK3 (AAH15501, 1 a.a. ~ 568 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MKWKEKLGDVYDTFMMIDETKPPCSNVLCNPSEP
PPRRRLNMTTEQFTGDHTQHFLDGGEMKVEQLFQEF
GNRKSNTIQSDGISDSEKCSPTVSQGKSSDCLNTVKS
NSSSKAPKVVPLTPEQALKQYKHHLTAYEKLEIINYPEI
YFVGPNAKKRHGVIGGPNNGGYDDADGAYIHVPRDHL
AYRYEVLKIIIGKGSFGQVARVYDHKLRQYVALKMVRN
EKRFHRQAAEEIRILEHLKQDKTGSMNVIHMLESFTF
RNHVCMAFELLSIDLIELIKKNKFQGFVSVQLVHKFAQSI
LQSLDALHKNKIIHCDLKPENILLKHHGRSSTKVIDFGS
SCFEYQKLYTYIQSRFYRAPEIILGSRYSTPIDIWSFGCI
LAELLTGQPLFPGEDEGDLACMMELLGMPPPKLLEQ
SKRAKYFINSKGIIPRYCSVTTQADGRVVLVGGRSRRG
KKRGPPGSKDWGTALKGDDYLFIEFLKRCLHWDPSA
RLTPAQALRHPWISKSVPRLTTIDKVSGRVVNPASA
FQGLGSKLPPVVGIANKLKANLMSETNGSIPLCSVLPK
LIS

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA

(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: 8444

Gene Symbol: DYRK3

Gene Alias: DYRK5, RED, REDK, hYAK3-2

Gene Summary: This gene product belongs to the DYRK family of dual-specificity protein kinases that catalyze autophosphorylation on serine/threonine and tyrosine residues. The members of this family share structural similarity, however, differ in their substrate specificity, suggesting their involvement in different cellular functions. The encoded protein has been shown to autophosphorylate on tyrosine residue and catalyze phosphorylation of histones H3 and H2B in vitro. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]