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Datasheet

NP monoclonal antibody (M01), clone 6E5

Catalog Number: H00004860-M01

Regulation Status: For research use only (RUO)

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

Clone Name: 6E5

Immunogen: NP (NP_000261.1, 1 a.a. ~ 289 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MENGYTYEDYKNTAEWLLSHTKHRPQVAIICGSGLGG
LTDKLTQAQIFDYGEIPNFPRSTVPGHAGRLVFGFLNG
RACVMMQGRFHMYEGYPLWKVTFPVRVFHLLGVDTL
VVTNAAGGLNPKFEVGDIMLIRDHINLPGFSGQNPLRG
PNDERFGDRFPAMSDAYDRTMRQRALSTWKQMGEQ
RELQEGTYVMVAGPSFETVAECRVLQKLGADAVGMS
TVPEVIVARHCGLRVFGFSLITNKVIMDYESLEKANHEE
VLAAGKQAAQKLEQFVSILMASIPLPDKAS

Host: Mouse

Reactivity: Human

Applications: ELISA, S-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

Isotype: IgG2a 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: 4860

Gene Symbol: NP

Gene Alias: FLJ94043, FLJ97288, FLJ97312, MGC117396, MGC125915, MGC125916, PNP, PRO1837, PUNP

Gene Summary: This gene encodes an enzyme which reversibly catalyzes the phosphorolysis of purine nucleosides. The enzyme is trimeric, containing three identical subunits. Mutations which result in nucleoside phosphorylase deficiency result in defective T-cell (cell-mediated) immunity but can also affect B-cell immunity and antibody responses. Neurologic disorders may also be apparent in patients with immune defects. A known polymorphism at aa position 51 that does not affect enzyme activity has been described. A pseudogene has been identified on chromosome 2. [provided by RefSeq]