9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

DKK1 monoclonal antibody (M11), clone 2A5

Catalog Number: H00022943-M11

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant DKK1.

Clone Name: 2A5

Immunogen: DKK1 (AAH01539.1, 1 a.a. ~ 266 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MMALGAAGATRVSVAMVAAALGGHPLLGVSATLNSVL
NSNAIKNLPPPLGGAAGHPGSAVSAAPGILYPGGNKY
QTIDNYQPYPCAEDEECGTDEYCASPTRGGDAGVQIC
LACRKRRKRCMRHAMCCPGNYCKNGICVSSDQNHFR
GEIEETITESFGNDHSTLDGYSRRTTLSSKMYHTTGQE
GSVCLRSSDCASGLCCARHFWSKICKPVLKGGQVCT
KHRRKGSHGLEIFQRCYCGEGLSCRIQKDHHQASNSS
RLHTCQRH

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, IP, S-ELISA, WB-Ce
(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: IgG2b 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: 22943

Gene Symbol: DKK1

Gene Alias: DKK-1, SK

Gene Summary: This gene encodes a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma. [provided by RefSeq]

References:

1. Genetic grouping of medulloblastomas by representative markers in pathologic diagnosis. Min HS, Lee JY, Kim SK, Park SH Transl Oncol. 2013 Jun 1;6(3):265-72. Print 2013 Jun.
2. RNA interference-mediated targeting of DKK1 gene expression in Ishikawa endometrial carcinoma cells causes increased tumor cell invasion and migration. Yi N, Liao QP, Li ZH, Xie BJ, Hu YH, Yi W, Liu M. ONCOLOGY LETTERS 6: 756-762, 2013
3. Molecular subgroups of medulloblastoma: the current consensus. Taylor MD, Northcott PA, Korshunov A, Remke M, Cho YJ, Clifford SC, Eberhart CG, Parsons DW, Rutkowski S, Gajjar A, Ellison DW, Lichter P, Gilbertson RJ, Pomeroy SL, Kool M, Pfister SM. Acta Neuropathol. 2011 Dec 2.