

Datasheet

AGR2 monoclonal antibody (M03), clone 1C3

Catalog Number: H00010551-M03

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant AGR2.

Clone Name: 1C3

Immunogen: AGR2 (AAH15503.1, 1 a.a. ~ 175 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MEKIPVSAFLLLVALSITLARDTTVKPGAKKDTKDSRP
KLPQTLRSGWDQLIWTQTYEEALYKSKTSNKPLMIH
HLDECPHSQALKKVFENKEIQKLAEQFVLLNLVYETT
DKHLSPDGQYVPRIMFVDPSTVRADITGRYSNRLYAY
EPADTALLLDNMKKALKLLKTEL

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Ce, 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: 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: 10551

Gene Symbol: AGR2

Gene Alias: AG2, GOB-4, HAG-2, XAG-2

References:

1. Development of a fluorescent monoclonal

antibody-based assay to measure the allosteric effects of synthetic peptides on self-oligomerization of AGR2 protein. Gray TA, Murray E, Nowicki MW, Remnant L, Scherl A, Muller P, Vojtesek B, Hupp TR Protein Sci. 2013 Jun 18. doi: 10.1002/pro.2299.

2. Anterior gradient protein 2 (AGR2) is an independent prognostic factor in ovarian high-grade serous carcinoma. Darb-Esfahani S, Fritzsche F, Kristiansen G, Weichert W, Sehouli J, Braicu I, Dietel M, Denkert C. Virchows Arch. 2012 Jul 3.

3. Development of an ELISA to detect the secreted prostate cancer biomarker AGR2 in voided urine. Wayner EA, Quek SI, Ahmad R, Ho ME, Loprieno MA, Zhou Y, Ellis WJ, True LD, Liu AY. Prostate. 2012 Jun 15;72(9):1023-34. doi: 10.1002/pros.21508. Epub 2011 Nov 9.