

DATA SHEET

PRODUCT NAME AND CLONE:	The original BIOHIT Monoclonal antibody against GENISTEIN , Clone L22FA2.
HOST:	Mouse
IMMUNOGEN:	Monoclonal antibody to genistein is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells. BSA conjugated human genistein was used as an immunogen.
CLASS AND SUBCLASS:	IgG ₁
PRODUCT SPECIFICITY:	The antibody recognizes human genistein. Cross reactivity: daidzein 3,3%, dihydrodaidzen 2,5%, dihydrogenistein 0,4%, glycitein 0,3%. No cross reactivity with Equol or O-DMA.
PRODUCT CODE:	610058: 100 µg/ml vial 100 µg 610062: 100 µg/ml vial 1 mg
PRODUCT BUFFER:	PBS solution containing 1.0% (w/v) BSA and 0.09% (w/v) NaN ₃ . Other MAb concentrations and buffer compositions are available upon request.
STORAGE:	2 to 8°C
APPLICATIONS:	Enzyme immunoassays (EIA), Fluorescence immunoassays (FIA).
GUIDELINES FOR DILUTIONS:	Working dilution in ELISA is at least 1:5000 but may depend on your application.
REFERENCES:	<ol style="list-style-type: none">1. Lapčik O et al. (1998) J Steroid Biochem Mol Biol. 64(5–6), 261–268.2. Walsh KR et al. (2007) Am J Clin Nutr. 85(4), 1050-1056.3. Vergne S et al. (2007) J Pharm Biomed Anal. 43(4), 1488-1494.4. Mathey J et al. (2006) J Pharm Biomed Anal. 41(3), 957-65.5. C. Bennetau-Pelissero (2003) Food Chem. 82, 645-658.6. Mazur W et al. (1996) Anal Biochem. 233, 169-180.7. Adlercreutz H et al. (1995) J Steroid Biochem Mol Biol. 52(1), 97-103.

The product is for research use and further manufacturing only. Use in human clinical diagnostics is the responsibility of the user.

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