

Specification Sheet

Monoclonal Antibody Against Human HSP90 alpha

Code 2AHSP116A

Clone No. Hyb- K41116A

Manufacturing Process Hybridoma obtained by fusing mouse myeloma cells (NS-1) with BALB/c mouse spleen cells immunized with recombinant human Heat-Shock Protein (HSP) 90 alpha expressed in E.coli is proliferated in the BALB/c mouse abdominal cavity and ascites is collected.

Specificity This monoclonal antibody specifically reacts with human HSP90 alpha (amino acids 247-257).

Purification Ammonium sulfate precipitation.

Ig Class IgG_{2b}

Form Saline (containing 0.1% NaN₃)

Protein Concentration 1 mg/mL

Package 0.2 mL

Storage 2-8 (Below -20 for long term storage)

Application ELISA, Western blotting

Reference

- 1) Matsusaka T: Jpn J Oral Biol **38**: 633-645, 1996.
- 2) Nemoto T, et al: J Biol Chem **272**: 26179-26187, 1997.
- 3) Nemoto T, et al: Biochem Mol Biol Int **42**: 881-889, 1997.
- 4) Nemoto T, et al: Biochem J **330**: 989-995, 1998.
- 5) Kawano T, et al: J Biochem **136**: 711-722, 2004.
- 6) Kishimoto J, et al: Cell Stress & Chaperones **10**: 296-311, 2005.



INSTITUTE OF IMMUNOLOGY Co., LTD.

1-1-10, Koraku, Bunkyo-ku, Tokyo, JAPAN 112-0004

Tel : +81-3-3814-4081 Fax : +81-3-3814-5957

e-mail : info@tokumen.co.jp

<http://www.tokumen.co.jp/english/>

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This product is for *in vitro* research use only and is not intended for use humans or animals.

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