

**MONOCLONAL ANTIBODY**

*For research use only. Not for clinical diagnosis.*

**Catalog No. 2ZHSP116A**

## Anti Human HSP90 alpha

|                      |                                                                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product type</b>  | Primary antibodies                                                                                                                                                                            |
| <b>Host</b>          | Mouse                                                                                                                                                                                         |
| <b>Source</b>        | Ascites                                                                                                                                                                                       |
| <b>Form</b>          | Hybridoma cell line (Hyb-K41116A) was grown in ascetic fluid BALB/c Mouse<br>Liquid<br>Ammonium sulfate precipitation<br>Physiological salt solution containing 0.1% Sodium Azide             |
| <b>Volume</b>        | 0.2 mL                                                                                                                                                                                        |
| <b>Concentration</b> | 1 mg/mL                                                                                                                                                                                       |
| <b>Specificity</b>   | This monoclonal antibody specifically reacts with human HSP90 alpha (amino acids 247-257).                                                                                                    |
| <b>Antigen</b>       | Recombinant human Heat-Shock Protein (HSP) 90 alpha expressed in E.coli.                                                                                                                      |
| <b>Clone</b>         | Hyb-K41116A<br>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. |
| <b>Isotype</b>       | IgG <sub>2b</sub>                                                                                                                                                                             |

**Application notes** ELISA, WB  
**Recommended use**

**Recommended dilutions**

Optimal dilutions/concentrations should be determined by the end user.

**Staining Pattern**

**Cross reactivity**

**Storage** Maintain at 2-8 °C (-20 °C for long term storage) in undiluted aliquots.  
Avoid repeated freeze/thaw cycles.

**References**

- 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.



COSMO BIO CO., LTD.

Inspiration for Life Science

TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN

URL: <http://www.cosmobio.co.jp>

e-mail: [export@cosmobio.co.jp](mailto:export@cosmobio.co.jp)

[Outside Japan] Phone : +81-3-5632-9617

[国内連絡先] Phone : +81-3-5632-9610

FAX : +81-3-5632-9618

FAX : +81-3-5632-9619

モノクローナル抗体

*For research use only. Not for clinical diagnosis.*

**Catalog No. 2ZHSP116A**

## 抗ヒト HSP90 $\alpha$

|                      |                                                                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Product type</b>  | 一次抗体                                                                                                                      |
| <b>Host</b>          | マウス                                                                                                                       |
| <b>Source</b>        | BALB/c マウス腹水<br>ハイブリドーマ (Hyb-K41116A) を BALB/c マウスに接種して得られた腹水                                                             |
| <b>Form</b>          | 硫酸アンモニウム塩析精製<br>0.1% アジ化ナトリウムを含む生理的食塩水溶液                                                                                  |
| <b>Volume</b>        | 0.2 mL                                                                                                                    |
| <b>Concentration</b> | 1 mg/mL                                                                                                                   |
| <b>Specificity</b>   | ヒト HSP90 $\alpha$ (アミノ酸配列番号 ; 247-257) に特異的に反応                                                                            |
| <b>Antigen</b>       | 大腸菌発現リコンビナントヒト Heat-Shock Protein (HSP) 90 $\alpha$                                                                       |
| <b>Clone</b>         | Hyb-K41116A<br>大腸菌発現リコンビナントヒト Heat-Shock Protein (HSP) 90 $\alpha$ を免疫した BALB/c マウスの脾臓細胞とマウスミエローマ細胞 (NS-1) を融合して得たハイブリドーマ |
| <b>Isotype</b>       | IgG <sub>2b</sub>                                                                                                         |

**Application notes** ELISA, WB

**Recommended use**

**Recommended dilutions**

Optimal dilutions/concentrations should be determined by the end user.

**Staining Pattern**

**Cross reactivity**

**Storage** 2~8°C 3 ヶ月間  
-20°C 3 年間  
(凍結融解の繰り返しは避けてください)

**References**

- 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.



COSMO BIO CO., LTD.

Inspiration for Life Science

TOYO 2CHOME, KOTO-KU, TOKYO, 135-0016, JAPAN

URL: <http://www.cosmobio.co.jp>

e-mail: [export@cosmobio.co.jp](mailto:export@cosmobio.co.jp)

[Outside Japan] Phone : +81-3-5632-9617

[国内連絡先] Phone : +81-3-5632-9610

FAX : +81-3-5632-9618

FAX : +81-3-5632-9619