



**MONOCLONAL ANTIBODY**

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

**Catalog No. 2ZHSP20**

## Anti Human HSP90 alpha beta

<b>Product type</b>	Primary antibodies
<b>Host</b>	Mouse
<b>Source</b>	Ascites
<b>Form</b>	Hybridoma cell line (Hyb-K3720A) was grown in ascetic fluid BALB/c Mouse Liquid Ammonium sulfate precipitation 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 concerved region of human HSP90 alpha and beta (amino acids 291-304).
<b>Antigen</b>	Recombinant human Heat-Shock Protein (HSP) 90 beta expressed in E.coli
<b>Clone</b>	Hyb-K3720A Hybridoma obtained by fusing mouse myeloma cells (NS-1) with BALB/c mouse spleen cells immunized with recombinant human Heat-Shock Protein (HSP) 90 beta expressed in E.coli.
<b>Isotype</b>	IgG <sub>1</sub>

**Application notes** ELISA, WB, IF  
**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**: 633-646, 1996.
- 2) Nemoto T, et al: J. Biol. Chem. **272**(42): 26179-26187, 1997.
- 3) Nemoto T, et al: Biochemistry and Mol. Biol. International **42**(5): 881-889, 1997.
- 4) Kishimoto J, et al: Cell Stress & Chaperones 10: 296-311, 2005.



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Inspiration for Life Science

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モノクローナル抗体

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**Catalog No. 2ZHSP20**

## 抗ヒト HSP90 $\alpha$ $\beta$

<b>Product type</b>	一次抗体
<b>Host</b>	マウス
<b>Source</b>	BALB/c マウス腹水 ハイブリドーマ (Hyb-K3720A) 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 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 $\alpha$ および $\beta$ の共通部位 (アミノ酸配列番号 ; 291-304) に特異的に反応
<b>Antigen</b>	大腸菌発現リコンビナントーヒト Heat-Shock Protein (HSP) 90 $\beta$
<b>Clone</b>	Hyb-K3720A 大腸菌発現リコンビナントーヒト Heat-Shock Protein (HSP) 90 $\beta$ 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>1</sub>

**Application notes** ELISA, WB, IF

**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**: 633-646, 1996.
- 2) Nemoto T, et al: J. Biol. Chem. **272**(42): 26179-26187, 1997.
- 3) Nemoto T, et al: Biochemistry and Mol. Biol. International **42**(5): 881-889, 1997.
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