

MONOCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. 2ZHSP7A

Anti Human HSP90 alpha

Product type	Primary antibodies
Host	Mouse
Source	Ascites
Form	Hybridoma cell line (Hyb-K41007) was grown in ascetic fluid BALB/c Mouse Liquid Ammonium sulfate precipitation Physiological salt solution containing 0.1% Sodium Azide
Volume	0.2 mL
Concentration	1 mg/mL
Specificity	This monoclonal antibody specifically reacts with human HSP90 alpha (amino acids 702-716).
Antigen	Recombinant human Heat-Shock Protein (HSP) 90 alpha expressed in E.coli
Clone	Hyb-K41007 The splenic lymphocytes from BALB/c mouse immunized with recombinant Human HGF were fused to mouse myeloma NS-1 cells and the hybrid cells (Hyb-K41007) were screened.
Isotype	IgG ₁

Application notes ELISA¹⁾, WB²⁾, 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. 2ZHSP7A

抗ヒト HSP90 α

Product type	一次抗体
Host	マウス
Source	BALB/c マウス腹水 ハイブリドーマ (Hyb- K41007) を BALB/c マウスに接種して得られた腹水
Form	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
Volume	0.2 mL
Concentration	1 mg/mL
Specificity	ヒト HSP90 α (アミノ酸配列番号 ; 702-716) に特異的に反応
Antigen	大腸菌発現リコンビナントーヒト Heat-Shock Protein (HSP) 90 α
Clone	Hyb- K41007 大腸菌発現リコンビナントーヒト Heat-Shock Protein (HSP) 90 α 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
Isotype	IgG ₁

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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