



Polyclonal Anti-Heat Shock Protein 40, **HSP40** (Sepharose Bead Conjugate)

Catalogue No. PA1043-S

Lot No. 03A01

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human, mouse, rat. No cross reactivity with other proteins.

Recommended application

(Immunoprecipitation(IP))

Immunogen

A peptide mapping at the C-terminal end from the related rat and mouse sequence by two amino acids.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

The Hsp40 (heat shock protein with molecular size of approximately 40 kDa) is one of the mammalian homologues of bacterial DnaJ heat shock protein. Ohtsuka (1993) isolated a cDNA encoding a 40-kD heat-shock protein designated HSPF1. The deduced 340-amino acid HSPF1 protein is 34% identical to E. coli DnaJ and 34% and 36% identical to HSJ1 and HSJ2, respectively. HSPF1 gene spans over 7 kb and contains 3 exons and 2 introns. HSPF1 gene is mapped to chromosome 19p13.2.

REFERENCE

Hata, M.; Okumura, K.; Seto, M.; Ohtsuka, K. : Genomic cloning of a human heat shock protein 40 (Hsp40) gene (HSPF1) and its chromosomal localization to 19p13.2. *Genomics* 38: 446-449, 1996.

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