

A92343Mu01
Polyclonal Antibody to Heat Shock 70kDa Protein 5 (HSPA5)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
 NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: HSPA5

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Mouse

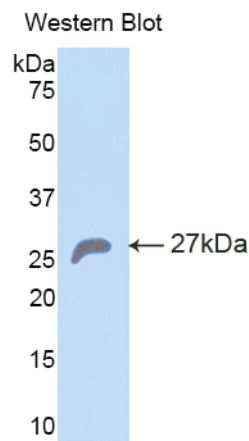
Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Form: Liquid

Size: 100µg



Sample: Recombinant mouse HSPA5

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant mouse HSPA5 (Gln261~Glu470) expressed in *E.coli*.

Molecular Weight: 24.7kDa

USCN accession No.: P92343Mu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGS-QRVMHFILK YKKKTGKDVR KDNRAVQKLR REVEKAKRAL SSQHQARIEI
 ESFFEGEDFS ETLTRAKFEE LNMDLFRSTM KPVQKVLEDS DLKKSIDEI VLVGGSTRIP
 KIQQLVKEFF NGKEPSRGIN PDEAVAYGAA VQAGVLSGDQ DTGDLVLLDV CPLTLGIETV
 GGVMTKLIPR NTVVPTKKSQ IFSTASDNQP TVTIKVYEGE

Unique product *Superb quality* *Client favorite* *Nicest service*  **ISO9001:2008**;  **ISO13485:2003**; 

[**ANTIBODY SPECIFICITY**]

Anti HSPA5 is a rabbit polyclonal antibody raised against mouse HSPA5. This antibody has been selected for its ability to recognize mouse HSPA5 in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[**APPLICATIONS**]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[**CONTENTS**]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[**QUALITY CONTROL**]

Content: The quality control contains recombinant mouse HSPA5 (Gln261~Glu470) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemilumescient (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading buffer: 100mM Tris(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 0.02%.

[**STORAGE**]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.