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YBD060Ra21

Monoclonal Antibody to Heat Shock 70kDa Protein 2 (HSPA2)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: HSPA2, Rat

Clonality: Monoclonal

Host: Mouse

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

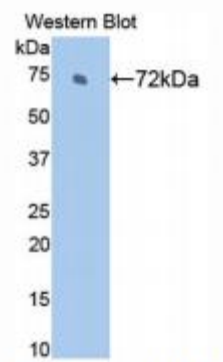
Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 500µg/mL

UOM: 200µg

Recombinant HSPA2, Rat

Sample:



[IMMUNOGEN INFORMATION]

Immunogen: Recombinant HSPA2 (Met1~Asp633) expressed in *E.coli*.

USCN Accession No.: RPD060Ra01

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

MGHHHHHSG SEF-MSARGPAIGI DLGTTYSCVG VFQHG KVEII AN DQGNRTTP
SYAFTDTER LIGDAAKNQV AMNPTNTIFD AKRLIGRKFE DATVQSDMKH WPFRVVSEGG
KPKVQVEYKG EMKTFFPEEI SSMVLTKMKE IAEAYLGGKV QSAVITVPAY FND SQRQATK
DAGTITGLNV LRIINEPTAA AIAYGLDKKG CAGGEKNVLI FDLGGGTFDV SILTIEDGIF
EVKSTAGDTH LGGEDFDNRM VSHLAEEFKR KHKKDIGPNK RAVRRLRTAC ERAKRTLSSS
TQASIEIDSL YEGVDFYTSI TRARFEELNA DLFRGTLEPV EKALRDAKLD KGQIQEIVLV
GGSTRIPKIQ KLLQDFNFNGKELNKSINPDE AVAYGAAVQA AILIGDKSEN VQDLLLLDVT
PLSLGIETAG GVMTPLIKRN TTIPTKQTQT FTTYSDNQSS VLVQVYEGER AMTKDNNLLG



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KFDLTGIPPA PRGVPQIEVT FDIDANGILN VTAADKSTGK ENKITITNDK GRLSKDDIDR



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MVQEAERYKS EDEANRDRVA AKNAVESYTY NIKQTVEDEK LRGKISEQDK NKILDKCQEV
INWLDRNQMA EKDEYEHKQK ELERVCPNII SKLYQGPGG GGSSGGPTIE EVD

[ANTIBODY SPECIFICITY]

The antibody is a mouse monoclonal antibody raised against HSPA2. It has been selected for its ability to recognize HSPA2 in immunohistochemical staining and western blotting.

[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 Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[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.