

Anti-HSPA2 antibody (488-637) [S1MR] (STJ11102321)

STJ11102321

GENERAL INFORMATION

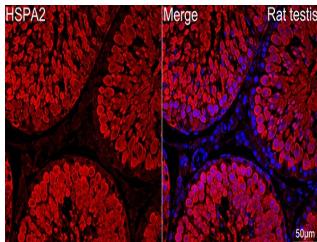
Product Type Primary antibodies
Short Description
Applications WB/IF/ICC/ELISA
Host/Source Rabbit
Reactivity Human/Mouse/Rat

PRODUCT PROPERTIES

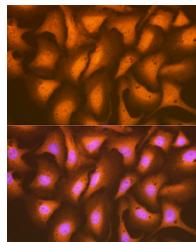
Clonality Monoclonal
Clone ID S1MR
Concentration Lot specific
Conjugation Unconjugated
Purification Affinity purification
Dilution WB:1:500-1:2000
Range IF/ICC:1:50-1:200
ELISA: Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype IgG
Storage Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction

TARGET INFORMATION

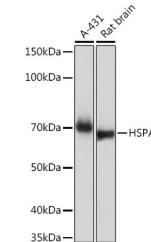
Gene ID 3306
Gene Symbol HSPA2
Uniprot ID HSP72_HUMAN
Immunogen
Immunogen Region 488-637
Specificity Recombinant fusion protein containing a sequence corresponding to amino acids 488-637 of human HSPA2 (P54652).
Immunogen Sequence ILNVTAADKSTGKENKITT NDKGRLSKDDIDRMVQEAEY YKSEDEANRDRVAAKNALES YTYNIKQTVDEKLRGKISE QDKNKLKDQEVINWLDRN QMAEKDEYEHKQKELERVCN PIISKLYQGGPGGGSGGGGS GASGGPTIEE



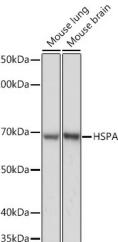
Confocal imaging of paraffin-embedded Rat testis tissue using HSPA2 Rabbit monoclonal antibody (STJ11102321) dilution 1:100 followed by further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) dilution 1:500 (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunofluorescence analysis of U-2 OS cells using HSPA2 Rabbit monoclonal antibody (STJ11102321) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using HSPA2 Rabbit monoclonal antibody (STJ11102321) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBS. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of various lysates using HSPA2 Rabbit monoclonal antibody (STJ11102321) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBS. Detection: ECL Basic Kit. Exposure time: 1s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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