

A2286

Leader in Biomolecular Solutions for Life Science



HSPA14 Rabbit mAb

Catalog No.: A2286

Recombinant

Basic Information

Observed MW

55kDa

Calculated MW

55kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse

CloneNo number

ARC1908

Recommended Dilutions

WB 1:1000 - 1:6000

IHC-P 1:100 - 1:400

IF/ICC 1:100 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact



www.abclonal.com

Background

Predicted to enable several functions, including ATP binding activity; misfolded protein binding activity; and unfolded protein binding activity. Predicted to be involved in several processes, including cellular response to unfolded protein; chaperone cofactor-dependent protein refolding; and protein refolding. Located in cytosol. Colocalizes with ribosome.

Immunogen Information

Gene ID

51182

Swiss Prot

Q0VDF9

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

HSP70-4; HSP70L1; MSANTD7; HSPA14

Product Information

Source

Rabbit

Isotype

IgG

Purification

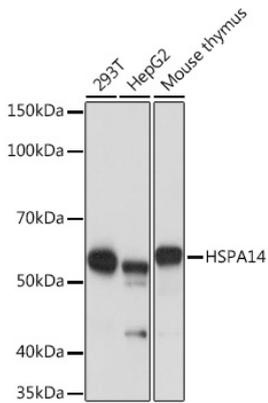
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using HSPA14 Rabbit mAb (A2286) at 1:1000 dilution.

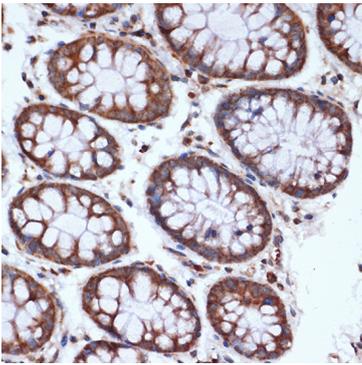
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

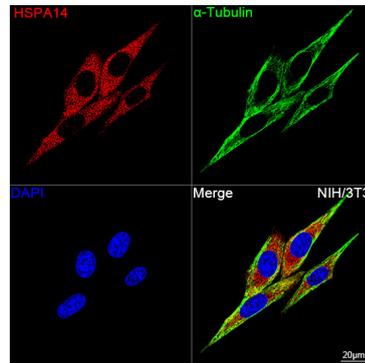
Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human colon using HSPA14 Rabbit mAb (A2286) at dilution of 1:100 (40x lens).

Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of NIH/3T3 cells using HSPA14 Rabbit mAb (A2286, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.