

# HSP70 Rabbit mAb

Catalog No.: A23457   Recombinant   6 Publications

## Basic Information

**Observed MW**

70 kDa

**Calculated MW**

70 kDa

**Category**

Primary antibody

**Applications**

WB,IHC-P,IF/ICC,ELISA

**Cross-Reactivity**

Human, Mouse, Rat, Wheat, Maize

**Clone/No. number**

ARC53082

## Background

This intronless gene encodes a 70kDa heat shock protein which is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which encode similar proteins.

## Recommended Dilutions

WB	1:3000 - 1:100000
IHC-P	1:2500 - 1:10000
IF/ICC	1:100 - 1:400
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**

3303/3304

**Swiss Prot**

P0DMV8/P0DMV9

**Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Synonyms**

HSP70; HSP72; HSPA1; HSP70I; HSP70-1; HSP70-2; HSP70.1; HSP70.2; HSP70-1A; HEL-S-103

## Contact

	400-999-6126
	cn.market@abclonal.com.cn
	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

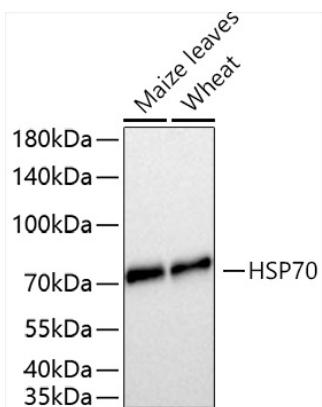
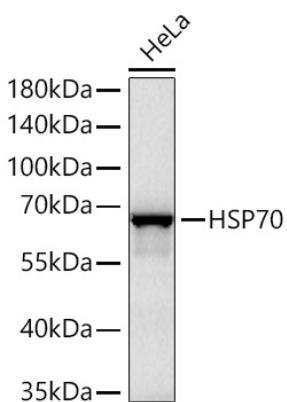
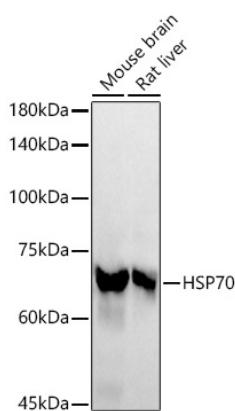
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

**Storage**

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

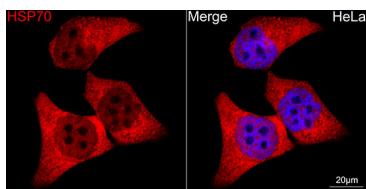
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

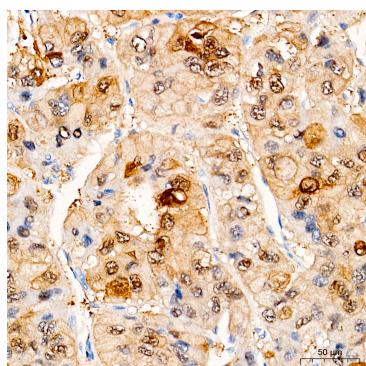


## Validation Data

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Confocal imaging of HeLa cells using HSP70 Rabbit mAb (A4777, dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 60x.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using HSP70 Rabbit mAb (A23457) at a dilution of 1:8000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.