# HSP105/HSPH1 Rabbit mAb

**Catalog NO.: A4687** Recombinant 1 Publications

## Basic Information

### Observed MW
105kDa

### Calculated MW
97kDa

### Category
Monoclonal Antibodies

### Applications
WB, ELISA

### Cross-Reactivity
Human, Mouse, Rat

### Conjugation
Unconjugated

### Clone number
ARC1092

## Background

This gene encodes a member of the heat shock protein 70 family of proteins. The encoded protein functions as a nucleotide exchange factor for the molecular chaperone heat shock cognate 71 kDa protein (Hsc70). In addition, this protein plays a distinct but related role as a holdase that inhibits the aggregation of misfolded proteins, including the cystic fibrosis transmembrane conductance regulator (CFTR) protein. Elevated expression of this protein has been observed in numerous human cancers.

## Recommended Dilutions

**WB** 1:500 - 1:1000

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

## Immunogen Information

### Gene ID
10808

### Swiss Prot
Q92598

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

### Synonyms
HSP105; HSP105A; HSP105B; NY-CO-25; HSP105/HSPH1

## Contact

## Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

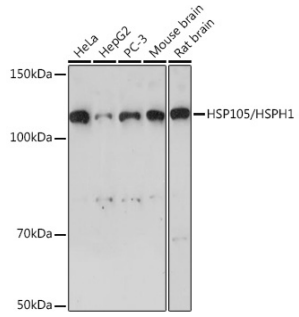
**Source**
Rabbit

**Isotype**
IgG

**Purification**
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




Western blot analysis of various lysates using HSP105/HSPH1 Rabbit mAb (A4687) 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: 90s.

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.