

## Product Datasheet

### Hsp70/HSPA1A/HSPA1B Antibody (orb18121)

## Description

Hsp70/HSPA1A/HSPA1B Antibody

### Species/Host

Rabbit

### Reactivity

Human, Mouse, Rat

### Conjugation

Unconjugated

### Tested Applications

FC, ICC, IF, IHC, IHC-Fr, WB

### Immunogen

A synthetic peptide corresponding to a sequence at the N-terminus of human Hsp70 (13-31aa TTYSCVGVFQHGKVEIIAN), identical to the related rat and mouse sequence.

### Form/Appearance

Lyophilized

### Concentration

Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.

### Storage

Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

### Note

For research use only

### Application notes

Tested Species: In-house tested species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users. . Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

### Isotype

Rabbit IgG

### Clonality

Polyclonal

### MW

70 kDa

### Uniprot ID

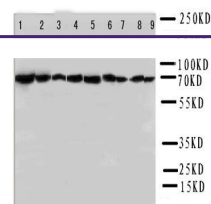
**P0DMV9**, **P0DMV8**

### Dilution Range

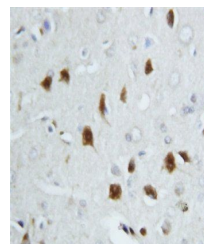
Western blot, 0.1-0.5µg/ml, Human, Mouse, Rat  
Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml, Human, Mouse, Rat, By Heat  
Immunohistochemistry (Frozen Section), 0.5-1µg/ml, Mouse, Rat  
Immunocytochemistry, 0.5-1µg/ml, Human  
Immunocytochemistry/Immunofluorescence, 2µg/ml, Human  
Flow Cytometry, 1-3µg/1x10<sup>6</sup> cells, Human

### Expiration Date

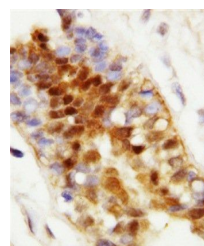
12 months from date of receipt.



Western blot analysis of Lane 1: Rat Testis



Immunohistochemical analysis of formalin-fixed paraffin-embedded (FFPE) tissue sections



Immunohistochemical analysis of formalin-fixed paraffin-embedded (FFPE) tissue sections