

**Anti-human HSP70 antibody**  
**Purified Rabbit Polyclonal Antibody**  
**Catalog # ABV11690****Specification**

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**Anti-human HSP70 antibody - Product Information**

Application	FC, WB
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

**Anti-human HSP70 antibody - Additional Information****Other Names**

Heat shock protein 70 kDa

**Target/Specificity**

HSP70 (unconjugated)

**Formulation**

0.1 mg/ml in phosphate buffered saline (PBS) with sodium azide (15 mM), pH 7.4

**Handling**

The antibody solution should be gently mixed before use

**Background Descriptions****Precautions**

Anti-human HSP70 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

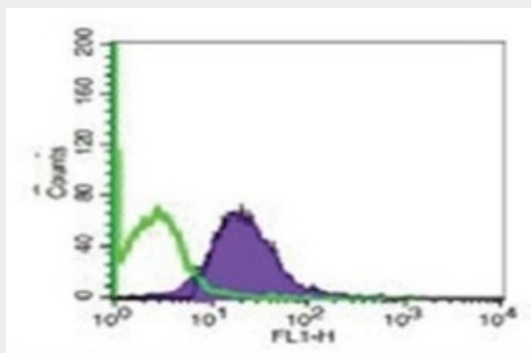
**Anti-human HSP70 antibody - Protein Information****Anti-human HSP70 antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

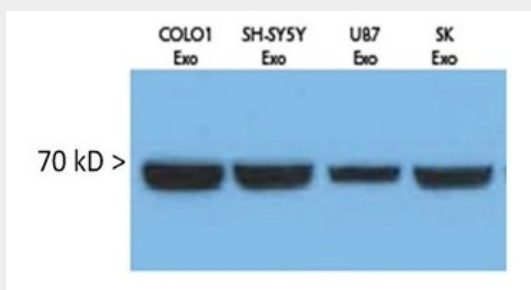
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

## Anti-human HSP70 antibody - Images



Staining of COLO1 derived exosomes with anti-HSP70.



Analysis of HSP70 expression in different exosomes derived from tumor cell lines: 1.COLO1; 2.SH-SY5Y; 3.U87; 4.SK.

## Anti-human HSP70 antibody - Background

Heat shock protein 70 (HSP70) is a molecular chaperone that facilitates the assembly of multi-protein complexes and trafficking of polypeptides across cell membranes. HSP70 is active in promoting tumorigenesis and functions as an anti-apoptotic factor. It is highly expressed on exosomes derived from tumor tissues.