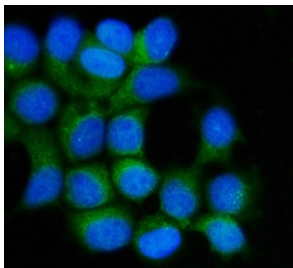


## Hsp90 beta Antibody / HSP90AB1 [clone 7B7F5] (RQ7569)

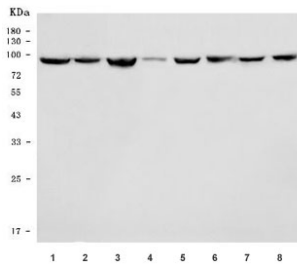
Catalog No.	Formulation	Size
RQ7569	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

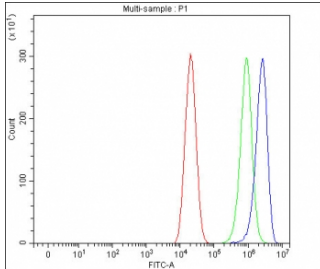
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b
<b>Clone Name</b>	7B7F5
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P08238
<b>Localization</b>	Cytoplasmic, nuclear
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells
<b>Limitations</b>	This Hsp90 beta antibody is available for research use only.



Immunofluorescent staining of FFPE human MCF-7 cells with Hsp90 beta antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) human Jurkat, 3) human Raji, 4) human A431, 5) rat brain, 6) rat heart, 7) mouse brain and 8) mouse heart tissue lysate with Hsp90 beta antibody. Predicted molecular weight: 84-90 kDa.



Flow cytometry testing of human Caco-2 cells with Hsp90 beta antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Hsp90 beta antibody.

## Description

Heat shock protein HSP 90-beta, also called HSP90beta, is a protein that in humans is encoded by the HSP90AB1 gene. It is mapped to chromosome 6p21.1. This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. And this gene is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes.

## Application Notes

Optimal dilution of the Hsp90 beta antibody should be determined by the researcher.

## Immunogen

Amino acids 449-481 (RRLSELLRYHTSQSGDEMTSLSEYVSRMKETQK) from the human protein were used as the immunogen for the Hsp90 beta antibody.

## Storage

After reconstitution, the Hsp90 beta antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.