

## HSP27 antibody [G3.1]

**Cat. No. GTX22790**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ICC/IF, IHC-P, IP, ELISA, IHC, IM
<b>Reactivity</b>	Human, Mouse, Rat, Dog, Primate

**Package**  
100 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500 - 1:1000
ICC/IF	1:50 - 1:500
IHC-P	1:500
IP	2 µl
ELISA	Assay dependent
IHC	Assay dependent
IM	Assay dependent

Not tested in other applications.

**Calculated MW** 23 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	Ascites
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Immunogen</b>	Partially purified human HSP27.
<b>Purification</b>	Unpurified
<b>Conjugation</b>	Unconjugated

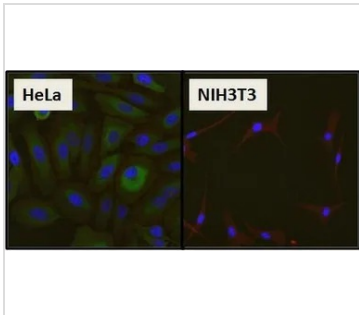


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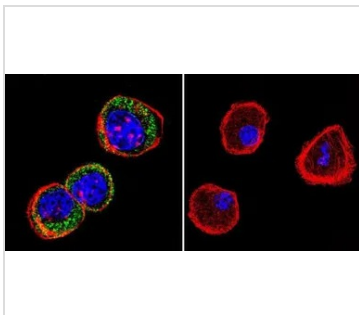
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DATA IMAGES



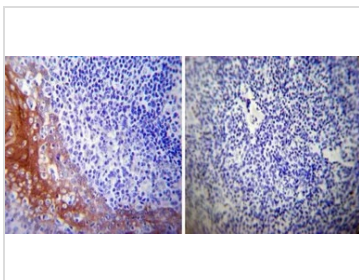
**GTx22790 ICC/IF Image**

ICC/IF analysis of HeLa cells and negative control NIH3T3 cells using GTx22790 HSP27 antibody [G3.1].  
 Green : Primary antibody  
 Blue : Nuclei  
 Red : Actin  
 Fixation : Formalin  
 Permeabilization : 0.1% Triton X-100 in TBS for 10 minutes  
 Dilution : 1:50 for at least 1 hour at room temperature



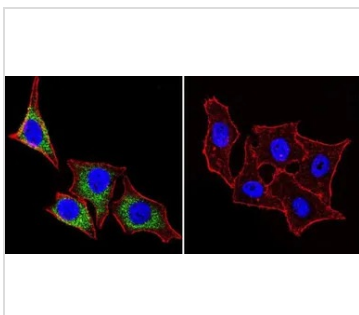
**GTx22790 ICC/IF Image**

ICC/IF analysis of U251 cells using GTx22790 HSP27 antibody [G3.1]. Cells were probed without (right) or with(left) an antibody.  
 Green : Primary antibody  
 Blue : Nuclei  
 Red : Actin  
 Fixation : formaldehyde  
 Dilution : 1:200 overnight at 4°C



**GTx22790 IHC-P Image**

IHC-P analysis of human tonsil tissue using GTx22790 HSP27 antibody [G3.1].  
 Left : Primary antibody  
 Right : Negative control without primary antibody  
 Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes  
 Dilution : 1:500



**GTx22790 ICC/IF Image**

ICC/IF analysis of HeLa cells using GTx22790 HSP27 antibody [G3.1]. Cells were probed without (right) or with(left) an antibody.  
 Green : Primary antibody  
 Blue : Nuclei  
 Red : Actin  
 Fixation : formaldehyde  
 Dilution : 1:200 overnight at 4°C



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