

HSP27 antibody [G3.1]

Cat. No. GTX22790

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IP, ELISA, IHC, IM
Reactivity	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

Form	Liquid
Buffer	Ascites
Preservative	0.05% Sodium azide
Storage	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.
Immunogen	Partially purified human HSP27.
Purification	Unpurified
Conjugation	Unconjugated



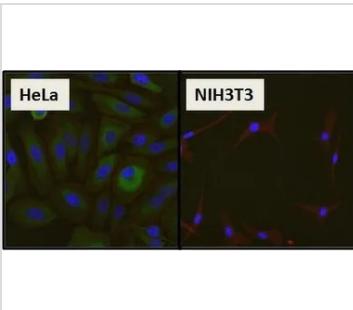
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

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

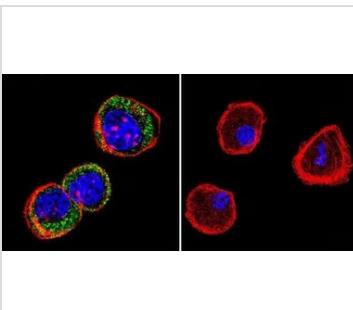
Blue : Nuclei

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.

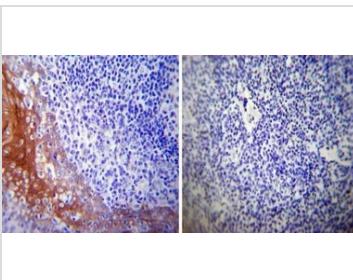
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:200 overnight at 4°C

**GTX22790 IHC-P Image**

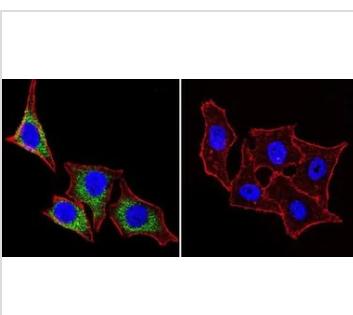
IHC-P analysis of human tonsil tissue using GTX22790 HSP27 antibody [G3.1].

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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