

HSP27 antibody [G3.1]

Cat. No. GTX22790

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

Package
100 µl

APPLICATION

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

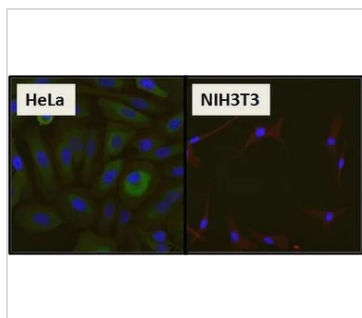


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Note

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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

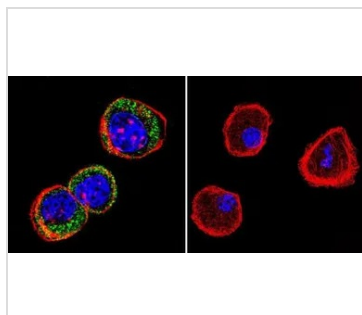
Blue : Nuclei

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.

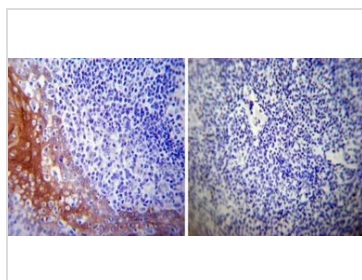
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:200 overnight at 4°C


GTx22790 IHC-P Image

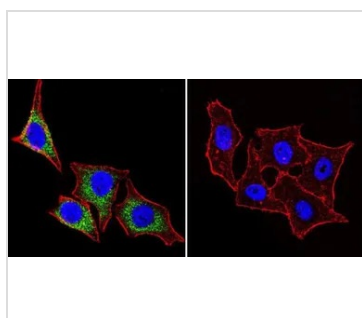
IHC-P analysis of human tonsil tissue using GTx22790 HSP27 antibody [G3.1].

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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