

HSP60 antibody [2E1/53]

Cat. No. GTX25479

Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Applications	WB, ICC/IF, IHC-P, IP, ELISA, IHC
Reactivity	Human, Mouse, Rat, Primate

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1-10 µg/ml
ICC/IF	1:20-1:200
IHC-P	1-10 µg/ml
IP	2 µg
ELISA	1-10 µg/ml
IHC	Assay dependent

Not tested in other applications.

Calculated MW 61 kDa. ([Note](#))

Product Note Epitope mapping studies using human HSP60 deletion mutants suggest that this antibody binds between amino acids 211-288.

Properties

Form	Liquid
Buffer	Buffer, 0.1% BSA
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.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human placental HSP60.
Purification	Purified IgM



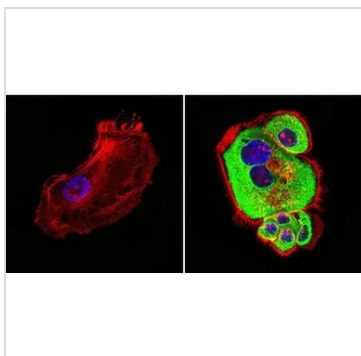
For full product information, images and publications, please visit our [website](#).

Conjugation Unconjugated

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



GTX25479 ICC/IF Image

ICC/IF analysis of A431 cells using GTX25479 HSP60 antibody [2E1/53]. Cells were probed without (right) or with(left) an antibody.

Green : Primary antibody

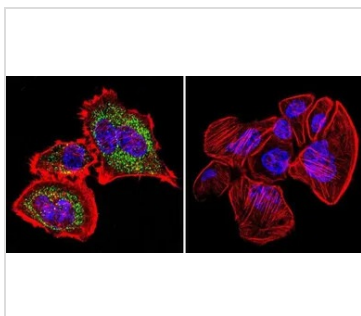
Blue : Nuclei

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:100 incubated overnight in a humidified chamber



GTX25479 ICC/IF Image

ICC/IF analysis of U251 cells using GTX25479 HSP60 antibody [2E1/53]. Cells were probed without (right) or with(left) an antibody.

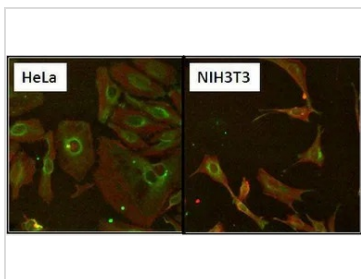
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:200 overnight at 4°C



GTX25479 ICC/IF Image

ICC/IF analysis of HeLa and NIH3T3 cells using GTX25479 HSP60 antibody [2E1/53].

Green : Primary antibody

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 10 minutes

Dilution : 10 µg/ml for at least 1 hour at room temperature



For full product information, images and publications, please visit our [website](#).