

HSP60 antibody [4B9/89]

Cat. No. GTX25478

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-P, FCM, IP, ELISA, IHC, Neutralizing /Inhibition
Reactivity	Human, Mouse, Rat, Bacteria, Primate

References (3)

Package

100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:100 - 1:1000
ICC/IF	10 µg/ml
IHC-P	1:200
FCM	1-20 µg/ml
IP	2µg
ELISA	Assay dependent
IHC	Assay dependent
Neutralizing /Inhibition	Assay dependent

Note : Permeabilization step is needed.

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 either between amino acids 335-366 or 484-547.

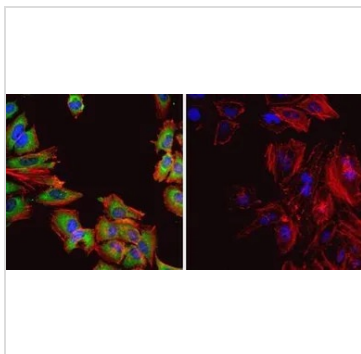
Properties

Form	Liquid
Preservative	No preservatives
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	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Human placental HSP60.



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

Purification	Protein A purified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. 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

GTX25478 ICC/IF Image

ICC/IF analysis of HeLa cells using GTX25478 HSP60 antibody [4B9/89]. Cells were probed without (right) or with(left) an antibody.

Green : Primary antibody

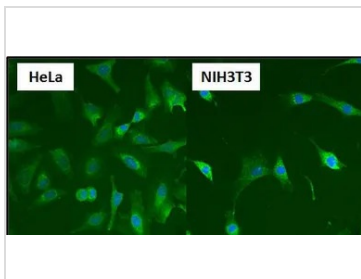
Blue : Nuclei

Red : Actin

Fixation : Formalin

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

Dilution : 1:50 for at least 1 hour at room temperature


GTX25478 ICC/IF Image

ICC/IF analysis of HeLa and NIH3T3 cells using GTX25478 HSP60 antibody [4B9/89].

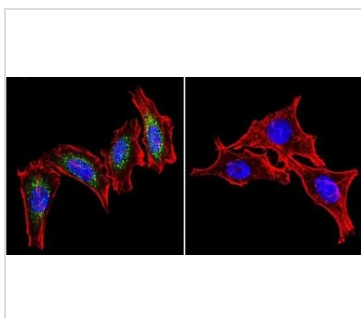
Green : Primary antibody

Blue : Nuclei

Fixation : Formalin

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

Dilution : 1:50 for at least 1 hour at room temperature


GTX25478 ICC/IF Image

ICC/IF analysis of HeLa cells using GTX25478 HSP60 antibody [4B9/89]. Cells were probed without (right) or with(left) an antibody.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:100 overnight at 4 °C



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