

## Hsp70 antibody [4G4]

## Cat. No. GTX25444

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, FCM, IP, Cytotoxic Assay, IHC, IM, Neutralizing/Inhibition
Reactivity	Human, Mouse, Primate

## Package

50 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000 - 1:5000
ICC/IF	1:100
IHC-P	1:20 - 50
FCM	1:100 - 1:200
IP	1:1000
Cytotoxic Assay	Assay dependent
IHC	Assay dependent
IM	Assay dependent
Neutralizing/Inhibition	Assay dependent

Not tested in other applications.

**Product Note** This antibody specifically detects HSP70 and does not cross-react with other members of the HSP70 family. Epitope mapping with a panel of HSP70 deletion mutants suggests that the epitope recognized is located between amino acids 504-617 of human HSP70, a region that has been shown to be involved in stress-induced nucleolar localization.

## Properties

Form	Liquid
Buffer	Ascites diluted with PBS
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.
Immunogen	Human recombinant HSP70 over expressed in E. coli.



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

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**Purification** Unpurified

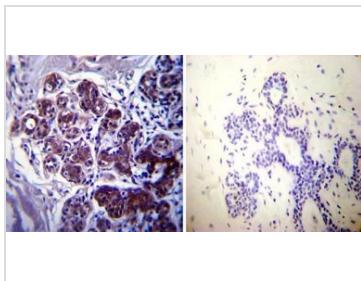
**Conjugation** Unconjugated

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



**GTX25444 IHC-P Image**

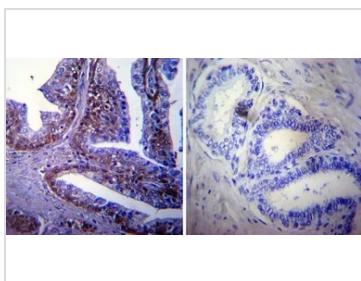
IHC-P analysis of human breast tissue using GTX25444 Hsp70 antibody [4G4].

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 : 1:50



**GTX25444 IHC-P Image**

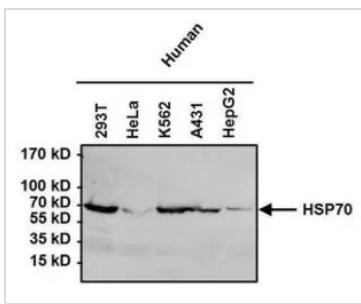
IHC-P analysis of human prostate carcinoma tissue using GTX25444 Hsp70 antibody [4G4].

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 : 1:20



**GTX25444 WB Image**

WB analysis of 50 ug of the indicated whole cell lysates using GTX25444 Hsp70 antibody [4G4].

Dilution : 1:1000



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