GATA4 (phospho Ser105) antibody

Cat. No. GTX25245

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse

Package
50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500
IHC-P	1:10-1:50

Not tested in other applications.

Calculated MW	45 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 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 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from a region of human GATA-4 that contains serine 105.
Purification	Purified IgG
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.

For full product information, images and publications, please visit our website.

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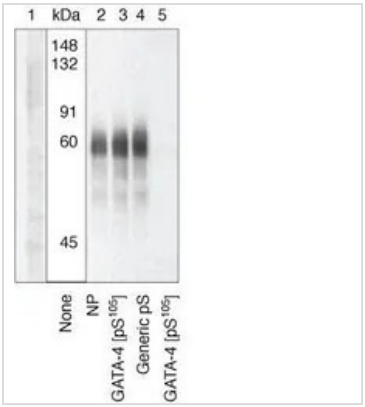
DATA IMAGES

GTX25245 IHC-P Image

IHC-P analysis of mouse lymph node using GTX25245 GATA4 (phospho Ser105) antibody.
Right : Primary antibody
Left : Negative control without primary antibody
Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min
Dilution : 1:20



GTX25245 WB Image

WB analysis of cardiomyocytes overexpressing GATA-4 mutant(S105A) (Lane 1), wild type GATA-4 (Lane 2) stimulated with PE, (Lane 3) phosphopeptide using GTX25245 GATA4 (phospho Ser105) antibody prior incubated with non-phosphopeptide corresponding to the phosphopeptide immunogen (Lane 3) a generic phosphothreonine-containing peptide (Lane 4), or the phosphopeptide immunogen (Lane 5).Mutant analysis and peptide competition demonstrate antibody phospho-site specificity

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