c-Kit (phospho Tyr823) antibody

Cat. No. GTX25634

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF
Reactivity	Human, Mouse, Avian

Package
50 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:250

Not tested in other applications.

Calculated MW 110 kDa. (Note)

PROPERTIES

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
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 c-Kit that contains tyrosine 823. The sequence is conserved in cow and dog.
Purification	Purified by antigen-affinity chromatography
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.

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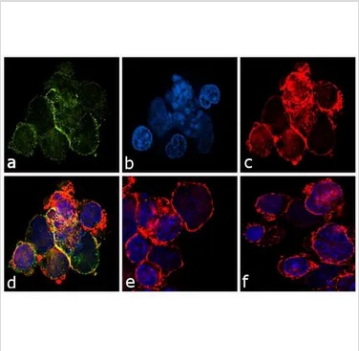
GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

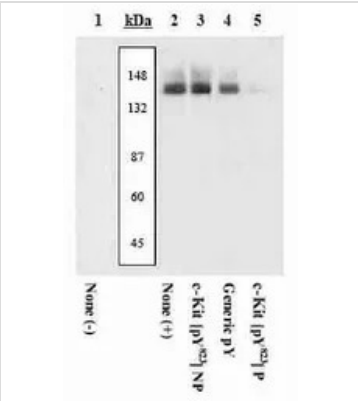
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

DATA IMAGES



GTX25634 ICC/IF Image

ICC/IF analysis of Jurkat cells treated with 250 ng/ml SCF for 5 minutes using GTX25634 c-Kit (phospho Tyr823) antibody. Panel e is untreated cell with no signal. Panel f represents control cells with no primary antibody to assess background.
Green : Primary antibody
Blue : Nuclei
Red : Actin
Fixation : 4% paraformaldehyde
Permeabilization : 0.1% Triton X-100 for 10 minutes



GTX25634 WB Image

WB (peptide competition) analysis of M07e cells unstimulated (Lane 1) or stimulated with 250ng/mL SCF (Lane 2-5) using GTX25634 c-Kit (phospho Tyr823) antibody with non-phosphorylated peptide (Lane 3), generic phosphotyrosine-containing peptide (Lane 4), phosphopeptide immunogen (Lane 5) . The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody.

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