

c-Kit (phospho Tyr823) antibody

Cat. No. GTX25634

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

Package
50 µl

Applications

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 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	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

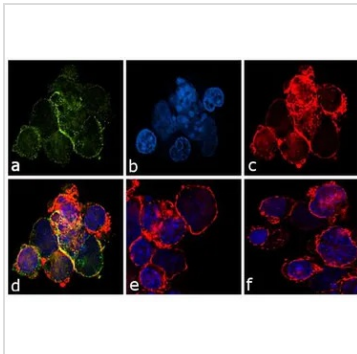
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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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.

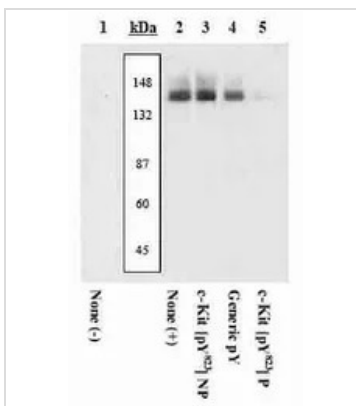
Green : Primary antibody

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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