

## c-Kit (phospho Tyr823) antibody

**Cat. No. GTX25634**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 0.1% BSA, 50% Glycerol
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	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.
<b>Purification</b>	Purified by antigen-affinity chromatography
<b>Conjugation</b>	Unconjugated

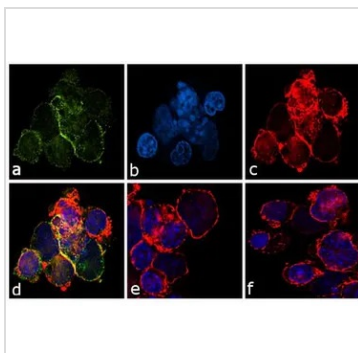
**Note**

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.

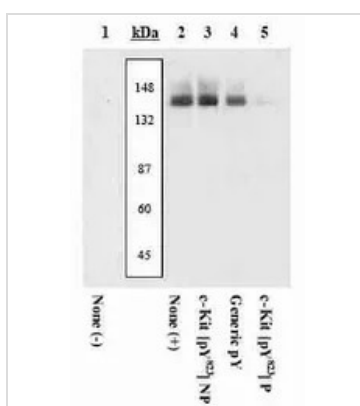
Green : Primary antibody

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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