

VEGF Receptor 2 (phospho Tyr1054/Tyr1059) antibody

Cat. No. GTX25473

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

Package

50 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000
ICC/IF	1:250
FACS	1:20

Not tested in other applications.

Calculated MW 152 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 the region of human VEGFR2 that contains tyrosines 1054 and 1059. The sequence is conserved among multiple species including mouse and rat.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

Note

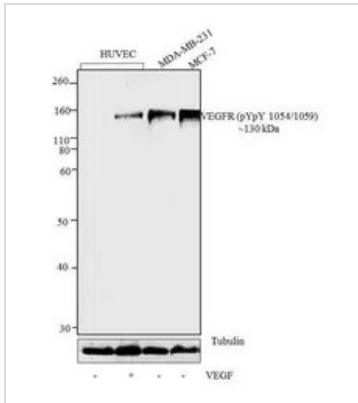
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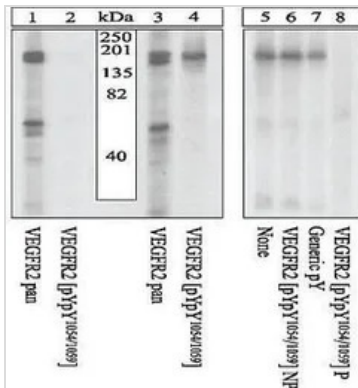
DATA IMAGES



GTX25473 WB Image

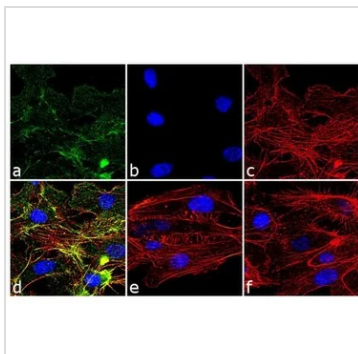
WB analysis of whole cell extracts (30 µg lysate) of HUVEC (Lane 1), treated with 25ng/mL VEGF for 5 minutes (lane 2), MDA-MB-231 (lane 3), and MCF7 (Lane 4) using GTX25473 VEGF Receptor 2 (phospho Tyr1054/Tyr1059) antibody.

Dilution : 1:1000



GTX25473 WB Image

WB analysis of PAE cells transfected with a chimeric receptor unstimulated (Lane 1, 2) or stimulated with 40ng/mL CSF-1 for 10 minutes (Lane 3-8) using GTX25473 VEGF Receptor 2 (phospho Tyr1054/Tyr1059) antibody.



GTX25473 ICC/IF Image

ICC/IF analysis of HUVEC cell treated with 100ng of VEGF for 30 minutes using GTX25473 VEGF Receptor 2 (phospho Tyr1054/Tyr1059) 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



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