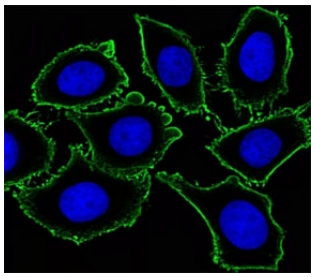
KIT Antibody 566CT8.5.4 / Monoclonal Antibody [clone 566CT8.5.4] (F40394)

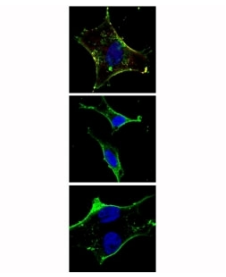
Catalog No.	Formulation	Size
F40394-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40394-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

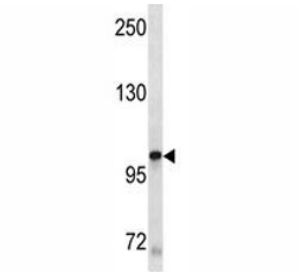
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM
Clone Name	566CT8.5.4
Purity	Purified
UniProt	P10721
Applications	Western blot: 1:100 Immunofluorescence: 1:10-1:100
Limitations	This KIT Antibody 566CT8.5.4 is available for research use only.



KIT Antibody 566CT8.5.4 IF Analysis. Immunofluorescent analysis of U251 cells using KIT antibody. Ab was diluted at 1:100 dilution. Dylight Fluor 488-conjugated goat anti-mouse IgG was used as the secondary Ab (green). Cytoplasmic actin was counterstained with Dylight Fluor 554 (red) conjugated Phalloidin (red).



Fluorescent confocal image of SY5Y cells stained with KIT antibody at 1:50. Note the highly specific localization of the immunosignal to the membranes, especially the plasma membrane.



KIT antibody western blot analysis in A549 lysate. Observed molecular weight: ~120/145kDa (precusor/mature).

Description

This gene encodes the human homolog of the proto-oncogene c-kit. C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in this gene are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous lukemia, and piebaldism. Multiple transcript variants encoding different isoforms have been found for this gene.

For a Protein Microarray Validated CD117 antibody with GIST IHC validation, see our CD117 Antibody C117/6347 / c-Kit Monoclonal Antibody.

Application Notes

Titration of the KIT Antibody 566CT8.5.4 may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This KIT Antibody 566CT8.5.4 was produced from mice immunized with human KIT recombinant protein.

Storage

Aliquot the KIT Antibody 566CT8.5.4 and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.