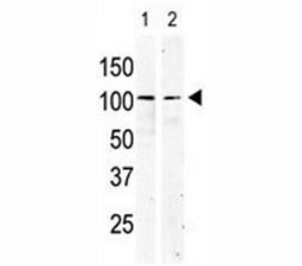
cKit Antibody (F40156)

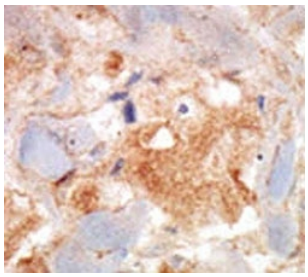
Catalog No.	Formulation	Size
F40156-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40156-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

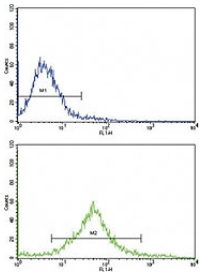
Availability	1-3 business days
Species Reactivity	Human, Primate
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P10721
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This cKit antibody is available for research use only.



cKit antibody used in western blot to detect KIT in serum-starved HeLa cell lysate (lane 1) and primate testis tissue lysate (2). Observed molecular weight: ~120/145kDa (precusor/mature).



cKit antibody was used in immunohistochemistry on breast carcinoma.



Flow cytometric analysis of HeLa cells using cKit antibody (green) compared to a negative control cell (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

c-Kit is a Tyrosine-protein kinase that acts as cell-surface receptor for the cytokine KITLG/SCF and plays an essential role in the regulation of cell survival and proliferation, hematopoiesis, stem cell maintenance, gametogenesis, mast cell development, migration and function, and in melanogenesis. [UniProt]

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 cKit antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 9-40 from the human protein was used as the immunogen for this cKit antibody.

Storage

Aliquot the cKit antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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