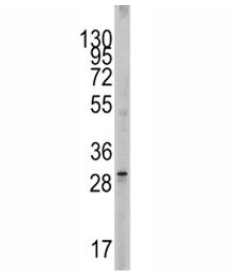
SCF Antibody / KITLG (F44224)

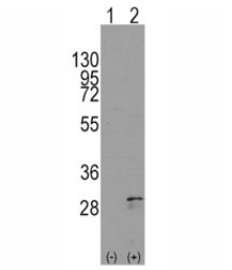
Catalog No.	Formulation	Size
F44224-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44224-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

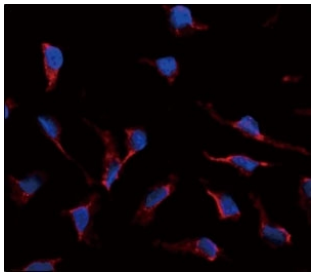
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Pig
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P21583
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 1:1000 Immunofluorescence : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This SCF antibody is available for research use only.



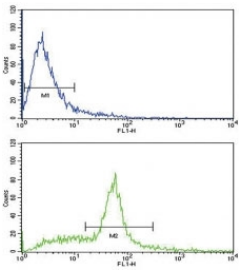
Western blot analysis of SCF antibody and 293 lysate. Expected molecular weight ~31 kDa (unmodified), 37-42 kDa (glycosylated).



Western blot analysis of SCF antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the KITLG gene (2).



Immunofluorescence analysis of SCF antibody and HeLa cells. Alexa Fluor 546 secondary emits orange fluorescence. Blue counterstaining is DAPI.



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

Description

KITLG is the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis.

Application Notes

Titration of the SCF antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 244-273 from the human protein was used as the immunogen for this SCF antibody.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com