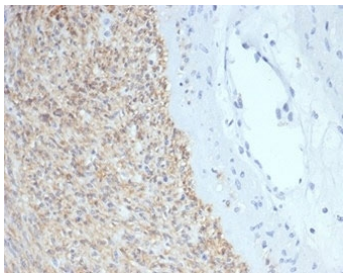
SCFR Antibody / c-Kit / CD117 [clone C117/7119] (V4028)

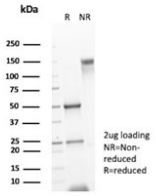
Catalog No.	Formulation	Size
V4028-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4028-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4028SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	C117/7119
Purity	Protein A/G affinity
UniProt	P10721
Localization	Cell surface, cytoplasm
Applications	ELISA : 2-4ug/ml (order Ab without BSA for coating) Immunohistochemistry (FFPE) : 2-4ug/ml
Limitations	This SCFR antibody is available for research use only.



IHC staining of FFPE human gastrointestinal stromal tumor (GIST) with CD117 / SCFR antibody (clone C117/7119) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free CD117 / SCFR antibody (clone C117/7119) as confirmation of integrity and purity.

Description

c-Kit, also called CD117, SCFR and Stem Cell Factor Receptor is found on a wide variety of tumor cells including follicular and papillary carcinoma of thyroid, adenocarcinomas from endometrium, lung, ovary, pancreas, and breast as well as malignant melanoma, endodermal sinus tumor, and small cell carcinoma. However, anti-SCFR has been particularly useful in differentiating gastrointestinal stromal tumors from Kaposi s sarcoma, tumors of smooth muscle origin, fibromatosis, and neural tumors of the GI tract. Anti-SCFR is also useful in recognizing myeloblasts in bone marrow biopsy and clot section.

Application Notes

Optimal dilution of the SCFR antibody should be determined by the researcher.

Immunogen

A portion of amino acids 50-250 from the human protein was used as the immunogen for the SCFR antibody.

Storage

Aliquot the SCFR 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