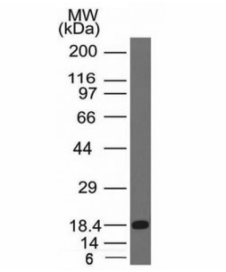
c-Kit Antibody KIT/983 / Monoclonal Antibody [clone KIT/983] (V2649)

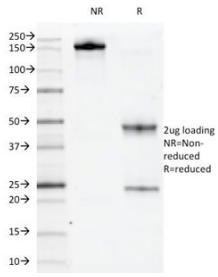
Catalog No.	Formulation	Size
V2649-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2649-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2649SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	KIT/983
Purity	Protein G affinity chromatography
UniProt	P10721
Localization	Cell surface and cytoplasmic
Applications	Western blot: 2-4ug/ml
Limitations	This c-Kit Antibody KIT/983 is available for research use only.



c-Kit Antibody KIT/983 WB Analysis. Western blot of a recombinant protein fragment with c-Kit antibody (KIT/983).



SDS-PAGE Analysis of Purified, BSA-Free c-Kit Antibody (clone KIT/983). Confirmation of Integrity and Purity of the Antibody.

Description

c-Kit Antibody KIT/983 recognizes a protein of 145kDa, identified as CD117/p145kit/c-Kit. It 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-CD117/c-Kit 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-CD117/c-Kit is also useful in recognizing myeloblasts in bone marrow biopsy and clot section.

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

Application Notes

Optimal dilution of the c-Kit Antibody KIT/983 should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min

Immunogen

A recombinant human fragment around amino acids 100-300 was used as the immunogen for the c-Kit Antibody KIT/983.

Storage

Store the c-Kit Antibody KIT/983 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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