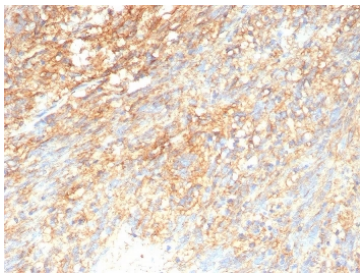
Recombinant CD117 Antibody / c-Kit / SCFR [clone rC117/9253] (V5460)

Catalog No.	Formulation	Size
V5460-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5460-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5460SAF-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 IgG2b, kappa
Clone Name	rC117/9253
Purity	Protein A/G affinity
UniProt	P10721
Localization	Cytoplasm, Cell membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant CD117 antibody is available for research use only.



IHC staining of FFPE human GIST tissue with recombinant CD117 antibody (clone rC117/9253. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

This MAb recognizes a protein of 145kDa, identified as CD117/p145kit. 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 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 is also useful in recognizing myeloblasts in bone marrow biopsy and clot section.

Application Notes

Optimal dilution of the recombinant CD117 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human CD117/KIT protein was used as the immunogen for the recombinant CD117 antibody.

Storage

Aliquot the recombinant CD117 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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