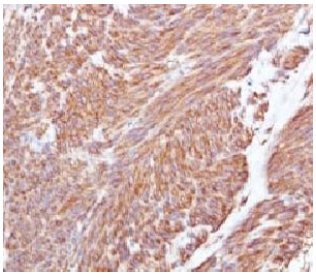
CD117 Antibody [clone CLDA117] (V7068)

Catalog No.	Formulation	Size
V7068-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7068-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7068SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CLDA117
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	3815
Localization	Cell surface and cytoplasmic
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This CD117 antibody is available for research use only.



IHC testing of FFPE human gastrointestinal stromal tumor (GIST) and CD117 antibody (clone CLDA117). Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

Description

CD117, or p145kit, 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. CD117 antibody 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.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the CD117 antibody to be titered up or down for optimal performance.

Immunogen

Recombinant human protein was used as the immunogen for this CD117 antibody.

Storage

Store the CD117 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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