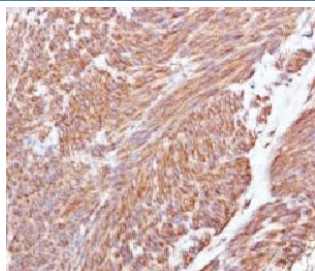


## CD117 Antibody [clone CLDA117] (V7068)

| 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](#)

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