

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

36-1336: Monoclonal Antibody to CD117 / c-Kit (Marker for Gastrointestinal Stromal Tumors)(Clone: KIT/982)

Clonality: Monoclonal Clone Name: KIT/982 Application: WB Reactivity: Human Gene: **KIT** 3815 Gene ID: **Uniprot ID:** P10721 Format: Purified KIT,SCFR **Alternative Name:**

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant human CD117 fragment around aa100-300

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.

Product Info

Amount: 100 µg

Purification: Affinity Chromatography

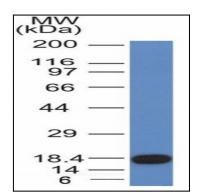
100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly Content:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Western Blot (1-2ug/ml for 2 hours at RT);



Western Blot of recombinant fragment of CD117 with CD117 Monoclonal Antibody (KIT/982).