



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-CD117 [33G5] Standard Size Ab03319-3.0

**Isotype and Format:** Mouse IgG2b, Kappa

**Clone Number:** 33G5

**Alternative Name(s) of Target:** Mast/stem cell growth factor receptor Kit; SCFR; Piebald trait protein; PBT; Proto-oncogene c-Kit; Tyrosine-protein kinase Kit; p145 c-kit; v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog; C-Kit receptor; CGMCCNO 21977;

**UniProt Accession Number of Target Protein:** P10721

**Published Application(s):** WB, ELISA, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing mice with CD117.

**Specificity:** The antibody is specific for CD117. CD117 is a tyrosine-protein kinase that acts as cell-surface receptor for the cytokine KITLG/SCF and plays an essential role in the regulation of cell survival and proliferation, hematopoiesis, stem cell maintenance, gametogenesis, mast cell development, migration and function, and in melanogenesis.

**Application Notes:** The antibody specifically detected CD117 protein in Western blot analysis. The antibody 33G5 and the commercial antibody YR145 were used to stain gastrointestinal stromal tumor tissue. Results showed the antibody specificity is comparable to the commercial antibody. Further, the sensitivity of the antibody 33G5 was higher than the commercial antibody. The antibody and the commercially available antibody YR145 were simultaneously detected on the normal tissue chip, indicating that the specificity of the antibody in normal tissue was equivalent to that of the commercially available antibody (CN113621064A).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.