

Product datasheet for **AM32271SU-N**

c Kit (KIT) (C-term) Rabbit Monoclonal Antibody [Clone ID: YR145]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YR145
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on frozen and paraffin sections: 1/25 - 1/100. Preparation and Pretreatment: 1. Cut 3-4 μ m section of formalin-fixed paraffin-embedded tissue and place on positively charged slides; dry overnight at 58°C. 2. Deparaffinize, rehydrate, and epitope retrieve; the preferred method is the use of Heat Induced Epitope Retrieval (HIER) techniques in conjunction with a pressure cooker. The preferred method allows for simultaneous deparaffinization, rehydration, and epitope retrieval. Upon completion, rinse with 5 changes of distilled or deionized water. 3. If using HRP detection system, place slides in peroxide block for 10 minutes; rinse. If using AP detection system, omit this step. Positive control: Breast, GIST, Skin, Testes Staining pattern: Cytoplasmic, Membranous
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Specificity:	This antibody reacts to CD117.
Formulation:	PBS, pH 7.4 State: Supernatant State: Liquid supernatant Stabilizer: 0,9% BSA Preservative: 0,09% sodium azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	KIT proto-oncogene receptor tyrosine kinase



[View online »](#)

Database Link: [Entrez Gene 3815 Human P10721](#)

Background: CD117, c-kit is a tyrosine kinase receptor found on interstitial cells of Cajal, germ cells, bone marrow stem cells, melanocytes, breast epithelium and mast cells. This receptor is found on a wide variety of tumor cells (follicular and papillary carcinoma of thyroid, adenocarcinomas from endometrium, lung, ovary, pancreas, breast; malignant melanoma, endodermal sinus tumor, and small cell carcinoma) but has been particularly useful in differentiating gastrointestinal stromal tumors from Kaposi's sarcoma, and tumors of smooth muscle origin.

Synonyms: SCFR, KIT