

Rabbit anti-Human CD117/c-kit, clone YR145 (Monoclonal)

Clone no. YR145

MONOSAN

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Product name	Rabbit anti-Human CD117/c-kit, clone YR145 (Monoclonal)
Host	Rabbit
Applications	IHC-P (1:25-1:100)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	YR145
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

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.

**References**

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3. Miettinen M. et al. Am J Surg Pathol 23(9): 1109-1118
4. Arber DA, Tamayo R, Weiss LM. Hum Pathol 1998 May; 29(5):498-504
5. Naeem M et al. Hum Pathol. 2002 Dec;33(12):1182-7

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