

DATASHEET

CD117 Rabbit Monoclonal Antibody (ARM602)

CAT. NO. ARM6893

KEY FEATURES

Target	CD117	Clone ID	ARM602
Source / Host	Rabbit	Reactivity	Human
Applications	IHC	Dilution	1:25-1:100
Clonality	Monoclonal	Storage	-20°C

BACKGROUND

CD117 or Proto-oncogene c-Kit (c-Kit) is a member of the Tyrosine Kinase Receptor (TKR) family, and is an important cell surface marker found on hematopoietic stem cells, melanocytes, mast cells, Cajal cells, germ cells, basal cells of skin, and mammary ductal epithelia. It is considered an important marker in the diagnosis and classification of Gastrointestinal Stromal Tumours (GISTs), mast cell diseases, Acute Myeloid Leukemia (AML), Small Cell Lung Carcinoma (SCLC), and Ewing's sarcoma.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

Application	IHC
Dilution Ratio	1:25-1:100

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Antibody Type	Primary antibodies
Isotype	IgG, kappa (Rab)
Positive Control	Gastrointestinal Stromal Tumor; Seminoma
Localization	Cytoplasmic; Membranous
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	KIT
Entrez Gene ID	3815
Uniprot	P10721
Alternative Names	SCFR; 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; CD117

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

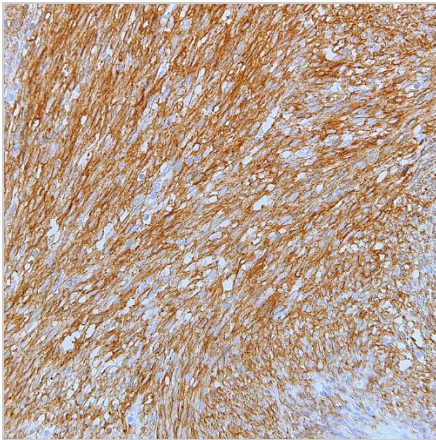
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

DATA

Immunohistochemical staining of human GIST tissue using CD117 Rabbit Monoclonal Antibody (ARM602).

RESEARCH USE ONLY

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / cd117-mouse-monoclonal-antibody-arm602-arm6893](http://www.arexbio.com/cd117-mouse-monoclonal-antibody-arm602-arm6893)