

Recombinant c-Kit/CD117 Monoclonal Antibody

catalog number: **AN300410P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

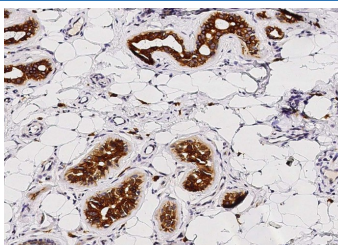
Description

Reactivity	Human
Immunogen	Recombinant Human c-Kit/CD117 protein
Host	Rabbit
Isotype	IgG
Clone	5D9
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

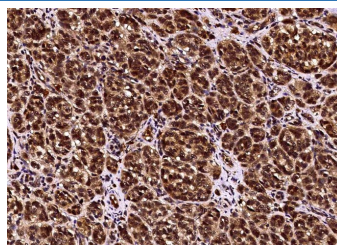
Applications Recommended Dilution

IHC-P	1:100-1:500
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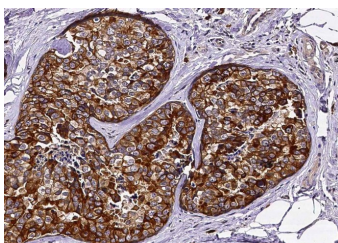
Data



Immunohistochemistry of paraffin-embedded human skin using c-Kit/CD117 Monoclonal Antibody at dilution of 1:300.



Immunohistochemistry of paraffin-embedded human melanoma using c-Kit/CD117 Monoclonal Antibody at dilution of 1:300.



Immunohistochemistry of paraffin-embedded human breast cancer using c-Kit/CD117 Monoclonal Antibody at dilution of 1:300.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

This gene encodes the human homolog of the proto-oncogene c-kit. C-kit was first identified as the cellular homolog of the feline sarcoma viral oncogene v-kit. This protein is a type 3 transmembrane receptor for MGF (mast cell growth factor, also known as stem cell factor). Mutations in this gene are associated with gastrointestinal stromal tumors, mast cell disease, acute myelogenous leukemia, and piebaldism. Multiple transcript variants encoding different isoforms have been found for this gene.

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Rev. V1.0