

CD117/c-kit

Rabbit Monoclonal Antibody

Catalog Number

REF 0184

Package Size

Ready to use: 1mL 2mL 3mL 5mL 6mL

Concentrated: 0.1mL 0.2 mL 0.5mL 1.0mL

Intended Use

Rabbit Monoclonal anti-CD117/c-kit antibody is intended for use to qualitatively identify CD117/c-kit antigen by light microscopy in sections of formalin-fixed, paraffin-embedded tissue using IHC detection methodology.

This antibody is for research use only (RUO).

Specimen Collection and Preparation for Analysis

Formalin-fixed, paraffin-embedded tissues.

Each section should be cut to the appropriate thickness (2-5 µm) for the primary antibody being used and placed on a positively charged glass microscope slide.

Storage and Handling

Store at 2-8°C. Do not freeze.

Do not use product beyond the expiration date for the storage method.

Reagents Provided

Clone: EP10

Buffer: 10mM pH 7.4 Phosphate Puffer Saline (PBS).

Stabilizer: 0.05% bovine serum (BSA).

Preservative: 0.05% sodium azide (NaN₃).

Ready-to-use antibody concentration: 2-5µg/mL.

Concentrated antibody concentration: 50-200µg/mL.

Staining Procedure

1. Deparaffinized slides in 3 changes of xylene (or Dewax solution), 10 minutes each. and hydrate through a graded series alcohols .

2. Wash the section in 90%, 80% and 70% ethyl alcohol for 10 minutes each.
3. Rinse in distilled water, 2 x 5 minutes.
4. Block the endogenous peroxidase by incubating the tissue in 3% hydrogen peroxide (H₂O₂) for 10 minutes.
5. Wash in distilled water, 2 x 5 minutes.
6. Antigen retrieval: Place slides in a pressure cooker filled with Epitope Retrieval Solution (Citrate, pH 6.0) buffer.
7. Wash in PBS 2 x 5 minutes.
8. Concentrated Antibody Dilution
Suggested Dilution: 1:50-1:100
The optimal dilution for a specific application under a given set of experimental conditions should be determined by the investigator.
9. Add 100µL primary antibody, Incubate for 30 minutes . Wash in PBS 2 x 5 minutes.
10. Add 100µL secondary antibody (the protocol depends on the supplier), and proceed to standard immunohistochemistry protocol. Wash in PBS 2 x 5 minutes.
11. Add 100µL DAB solution (the protocol depends on the supplier), Incubate for 2-10 minutes. Wash in PBS 2 x 5 minutes.
12. Counterstain with hematoxylin. Rinse with deionized water.

Contact Information



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