

For Research Use Only

# IHC Prep & Detect Kit for Mouse Primary Antibody

Catalog Number: PK10018



## Description

The PK10018 kit is designed for developing a complete IHC workflow on FFPE samples using primary antibodies raised in mice. The kit contains all the basic reagents, starting from antigen retrieval buffer to mounting media, that would be required for IHC staining of tissue sections with mouse primary antibodies. By simply optimizing the primary antibody concentration and a few operational parameters, a complete IHC workflow can be easily established using this kit.

## Components

Part NO.	Component	Size
HC001	Antigen Retrieval Buffer (50× Tris-EDTA)	100 mL
HC002	Washing Buffer (30×)	120 mL
HC003	Blocking Buffer	5 mL
HC000	Quenching Buffer (RTU)	5 mL
HC004	Primary Antibody Diluent (RTU)	100 mL
HC005M	Polymer HRP-Goat anti-Mouse Secondary Antibody	5 mL
HC006	Chromogen Component A	0.2 mL
HC007	Chromogen Component B	4 mL
HC008	Signal Enhancer	5 mL
HC009	Counter Staining Reagent	5 mL
HC0010	Mounting Media	5 mL

**Size:** 50-80 tests (may vary depending on tissue size).

## Package

50T

## Storage

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

## Application Note

This kit is recommended for FFPE tissues and not for frozen sections.

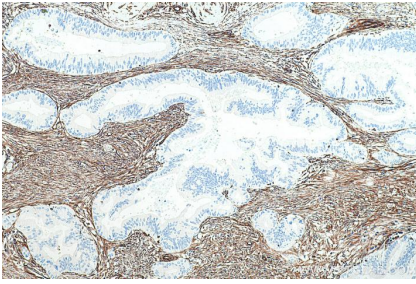
This kit contains an antigen retrieval buffer based on Tris-EDTA by default, which in our experience is suitable for over 90% of targets. However, if a negative result is obtained using this buffer, we recommend trying alternative buffers listed below.

# [PR30001](#) Sodium Citrate Antigen Retrieval Buffer 50x

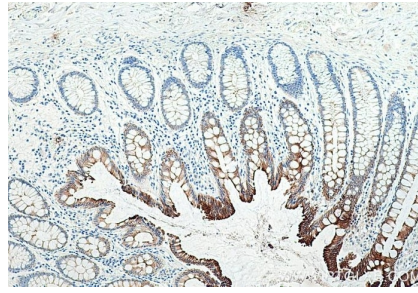
# [PR30014](#) Protease K Retrieval Buffer (A+B) (Heating is not required with this buffer)

Refer to user's manual for instructions on developing an IHC workflow using this kit.

## Validation Data



IHC analysis of human pancreas tissue using Proteintech's Vimentin mouse monoclonal antibody (60330-1-Ig) and IHC Prep & Detect Kit for Mouse Primary Antibody (PK10018).



IHC analysis of human colon tissue using Proteintech's Cytokeratin 19 mouse monoclonal antibody (60187-1-Ig) and IHC Prep & Detect Kit for Mouse Primary Antibody (PK10018).

**For technical support and original validation data for this product please contact**

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