

# IHC*easy* PIBF1 Ready-To-Use IHC Kit

Catalog Number: **KHC2742**

## General Information

Sample type:  
FFPE tissue  
Cited sample type:  
Reactivity:  
Human, Mouse, Rat  
Cited Reactivity:

Assay type:  
Immunohistochemistry  
Primary antibody type:  
Rabbit Polyclonal  
Secondary antibody type:  
Polymer-HRP-Goat anti-Rabbit

## Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

## Storage Instructions

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

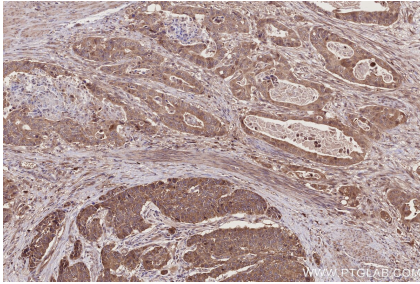
## Background

PIBF1 is induced by the steroid hormone progesterone and plays a role in the maintenance of pregnancy. PIBF1 regulates multiple facets of the immune system to promote normal pregnancy including cytokine synthesis, natural killer (NK) cell activity, and arachidonic acid metabolism. Low serum levels of this protein have been associated with spontaneous pre-term labor in humans. PIBF1 may promote the proliferation, migration and invasion of glioma.

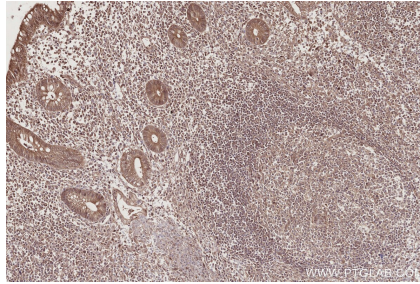
## Synonyms

PIBF1, Centrosomal protein of 90 kDa, PIBF 1, Progesterone induced blocking factor 1, Progesterone-induced-blocking factor 1

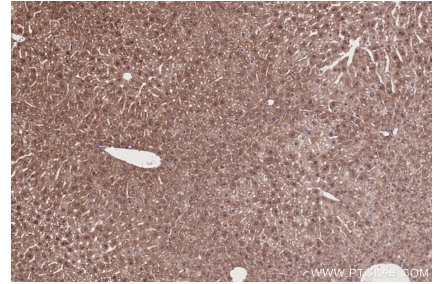
## Selected Validation Data



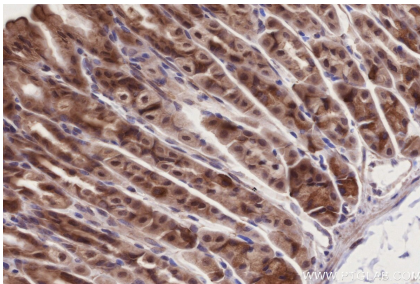
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC2742 (PIBF1 IHC Kit).



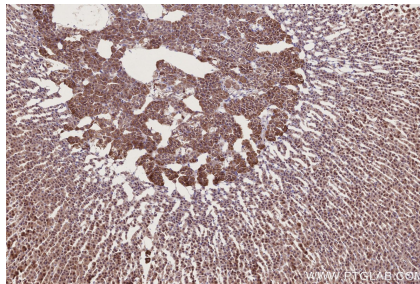
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC2742 (PIBF1 IHC Kit).



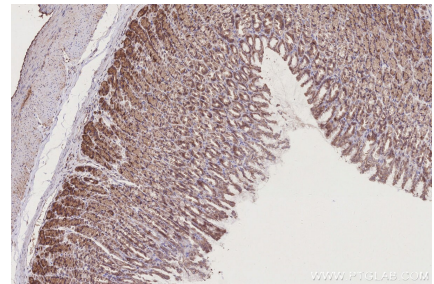
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using KHC2742 (PIBF1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC2742 (PIBF1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat adrenal gland tissue slide using KHC2742 (PIBF1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC2742 (PIBF1 IHC Kit).