

# IHC*easy* MAPK13 Ready-To-Use IHC Kit

Catalog Number: **KHC2069**

## General Information

**Sample type:**  
FFPE tissue

**Cited sample type:**

**Reactivity:**  
Human, Mouse

**Cited Reactivity:**

**Assay type:**  
Immunohistochemistry

**Primary antibody type:**  
Mouse Monoclonal

**Secondary antibody type:**  
Polymer-HRP-Goat anti-Mouse

## 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

MAPK13 (Mitogen-activated protein kinase 13) is also named as PRKM13, SAPK4 and belongs to the protein kinase superfamily. MAPK13 is one of the four p38 MAPKs which play an important role in the cascades of cellular responses evoked by extracellular stimuli such as proinflammatory cytokines or physical stress leading to direct activation of transcription factors such as ELK1 and ATF2.

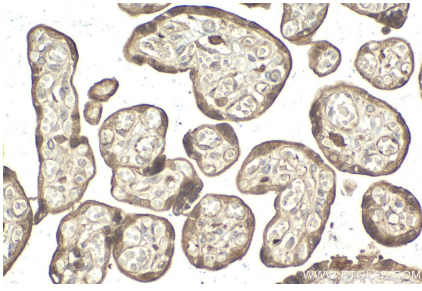
## Synonyms

MAP kinase 13, MAP kinase p38 delta, MAPK 13, MAPK13, p38delta, PRKM13, SAPK4

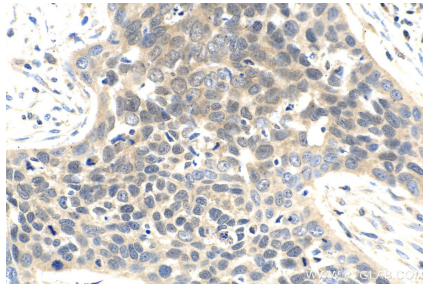
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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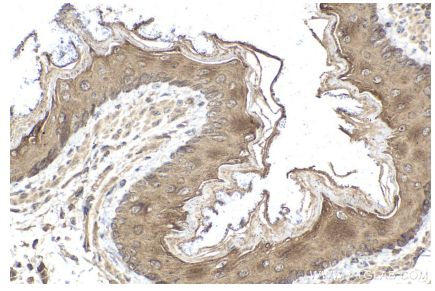
## Selected Validation Data



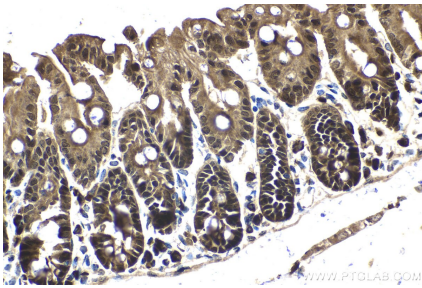
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2069 (MAPK13 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using KHC2069 (MAPK13 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse esophagus tissue slide using KHC2069 (MAPK13 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC2069 (MAPK13 IHC Kit).