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For Research Use Only

IHC*easy* KIF5B Ready-To-Use IHC Kit

Catalog Number: KHC2238

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

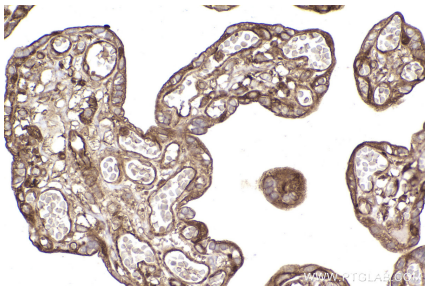
All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

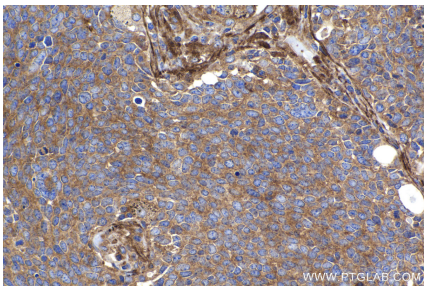
KIF5B, also known as KINH, KNS1, belongs to the Kinesin-1 family. KIF5B contains three structural domains: a globular N-terminal motor domain, a central alpha-helical rod domain, and a globular C-terminal domain. During the G2 phase of the cell cycle in a BICD2-dependent manner, KIF5B antagonizes the dynein function and drives the separation of nuclei and centrosomes. KIF5B drives the polarization of cytolytic granules and microtubule-organizing centers (MTOCs) toward the immune synapse between effector NK lymphocytes and target cells.

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

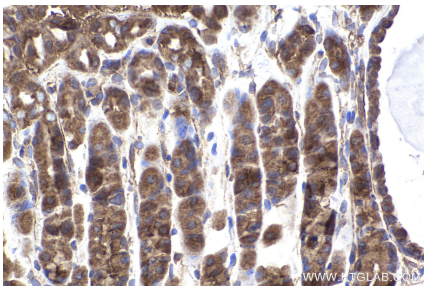
Selected Validation Data



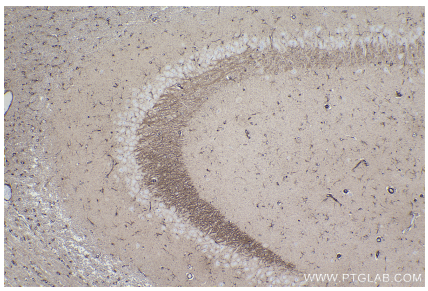
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using KHC2238 (KIF5B IHC Kit).



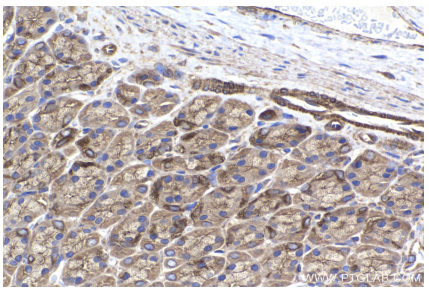
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC2238 (KIF5B IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using KHC2238 (KIF5B IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using KHC2238 (KIF5B IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat stomach tissue slide using KHC2238 (KIF5B IHC Kit).