

IHC*easy* CHMP4B Ready-To-Use IHC Kit

Catalog Number: **KHC1930**

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.

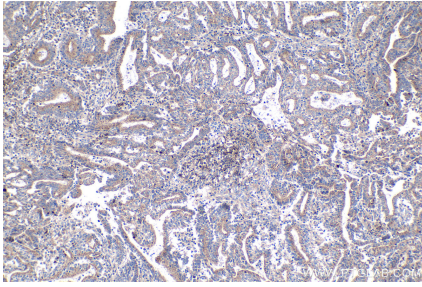
Background

CHMP4B (charged multivesicular body protein 4b) is a human homologue of yeast Snf7p (also named Vps32p) and a member of CHMP family which is implicated in multivesicular body (MVB) sorting. The CHMP proteins are components of ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and formation of endocytic multivesicular bodies. Among seven CHMP family members, only CHMP4 has been found to interact with Alix, a multifunctional adaptor protein in various cellular functions. Primary antibody in this kit is highly specific to the CHMP4B and it doesn't cross-react with other CHMPs as well as other CHMP4s (CHMP4A and CHMP4C).

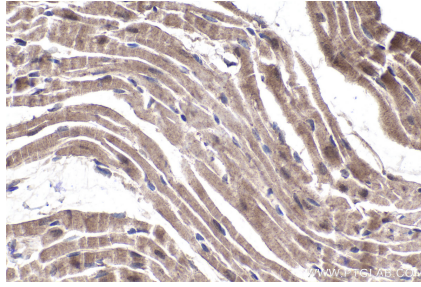
Synonyms

SHAX1, hVps32-2, hSnf7-2, Chromatin-modifying protein 4b, chromatin modifying protein 4B

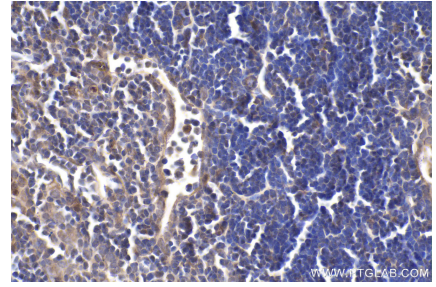
Selected Validation Data



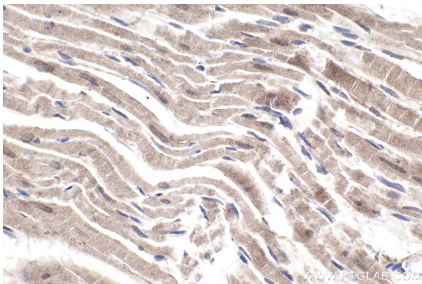
Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using KHC1930 (CHMP4B IHC Kit).



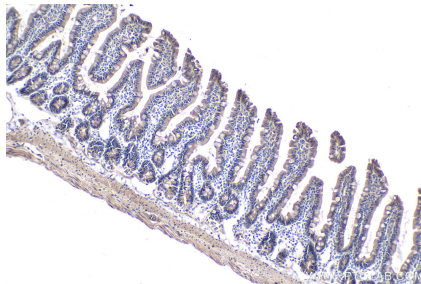
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC1930 (CHMP4B IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse thymus tissue slide using KHC1930 (CHMP4B IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using KHC1930 (CHMP4B IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1930 (CHMP4B IHC Kit).