

IHC*easy* HE4 Ready-To-Use IHC Kit

Catalog Number: **KHC1165**

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.

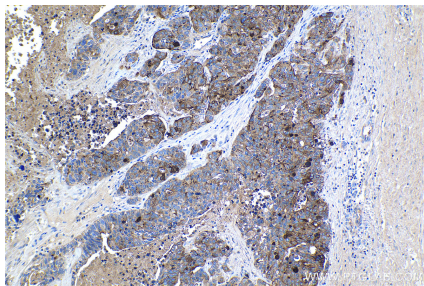
Background

WFDC2, also named as HE4, is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. HE4 is expressed in a number of normal tissues, and it is also highly expressed in a number of tumors cells lines, such ovarian, colon, breast, lung and renal cells lines. In some study, HE4 was referred to as a biomarker for ovarian carcinoma.

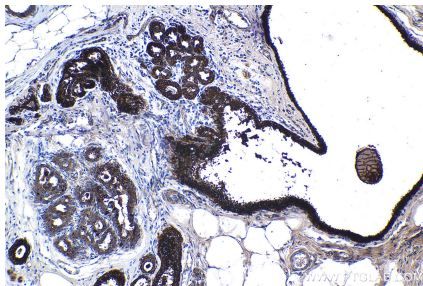
Synonyms

HE4, WAP5, WFDC2

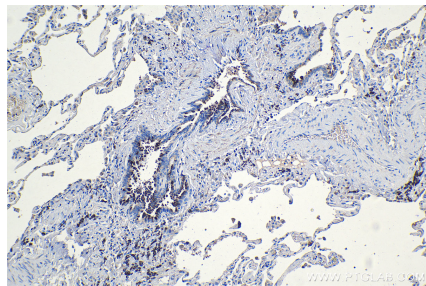
Selected Validation Data



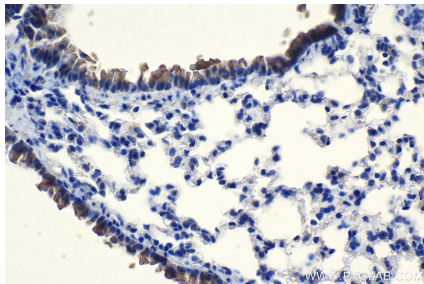
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC1165 (HE4 IHC Kit).



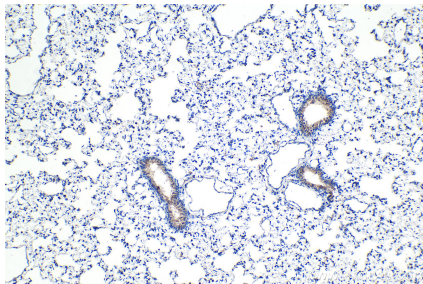
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using KHC1165 (HE4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using KHC1165 (HE4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1165 (HE4 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC1165 (HE4 IHC Kit).