

IHCeasy[®] Caveolin-1 Ready-To-Use IHC Kit

Catalog Number: **KHC1326**

General Information

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

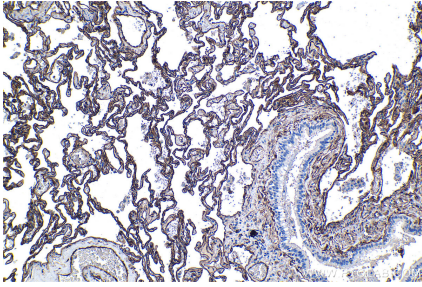
Background

Caveolin-1 (CAV1), a multifunctional protein, is the main constituent molecule of caveolae and represents a scaffolding molecule for several signaling molecules including epidermal growth factor receptor. Several studies have implicated that a reduced expression of CAV1 was found in cancers including head and neck carcinoma. However, other studies recognize CAV1 as a tumor promoter because CAV1 is overexpressed in various kinds of cancers, especially in oral cancer. Recent study also show that CAV1 is involved in gastric Cancer.

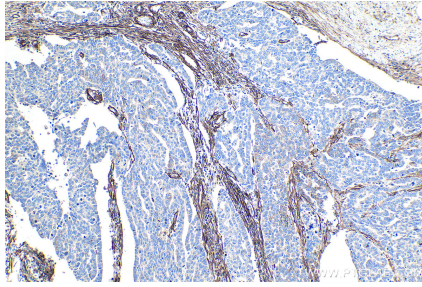
Synonyms

CAV, CAV1, Caveolin 1, Caveolin-1

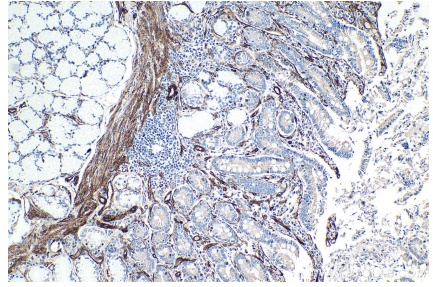
Selected Validation Data



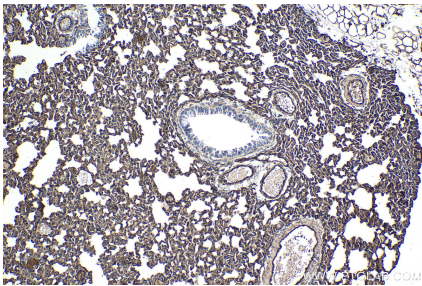
Immunohistochemical analysis of paraffin-embedded human lung tissue slide using KHC1326 (Caveolin-1 IHC Kit).



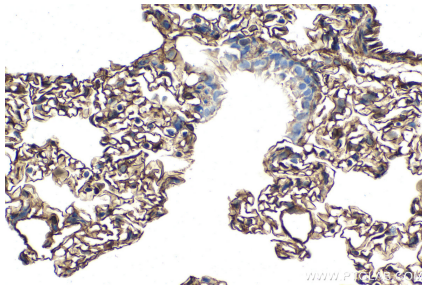
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC1326 (Caveolin-1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1326 (Caveolin-1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1326 (Caveolin-1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using KHC1326 (Caveolin-1 IHC Kit).