

IHC*easy* ITGA3 Ready-To-Use IHC Kit

Catalog Number: **KHC1334**

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.

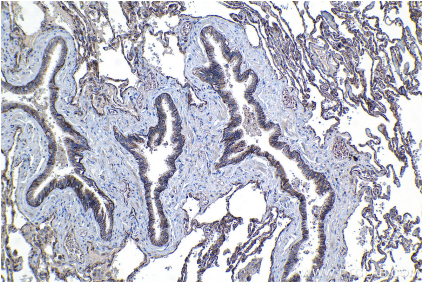
Background

ITGA3, also named as MSK18, CD49c, GAPB3 and FRP-2, belongs to the integrin alpha chain family. It is a receptor for fibronectin, laminin, collagen, epiligrin, thrombospondin and CSPG4. ITGA3 may mediate with LGALS3 the stimulation by CSPG4 of endothelial cells migration. ITGA3 is highly concentrated in epithelial cells where it strongly adheres to Laminin-5 and Laminin-5 induced rapid adhesion can be blocked by antibodies against the alpha-3 integrin subunit.

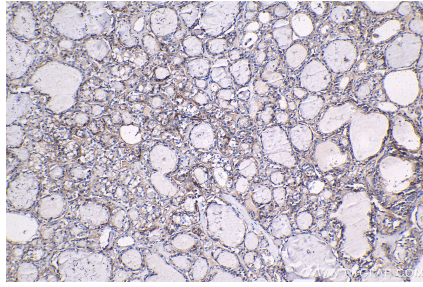
Synonyms

CD49C, FRP 2, Galactoprotein B3, GAP B3, GAPB3, Integrin alpha 3, ITGA3, MSK18, VCA 2, VL3A, VLA 3 subunit alpha, VLA3a

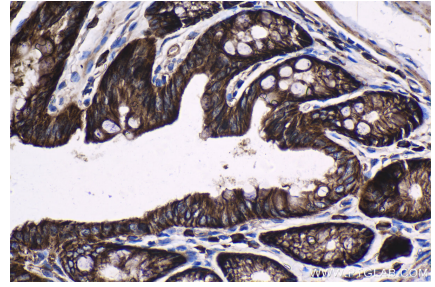
Selected Validation Data



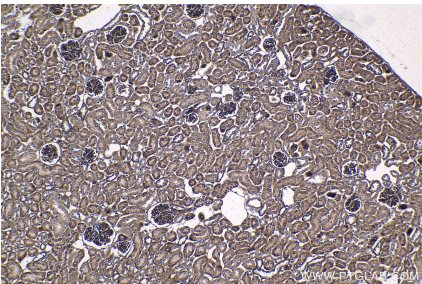
Immunohistochemical analysis of paraffin-embedded human lung tissue slide using KHC1334 (ITGA3 IHC Kit).



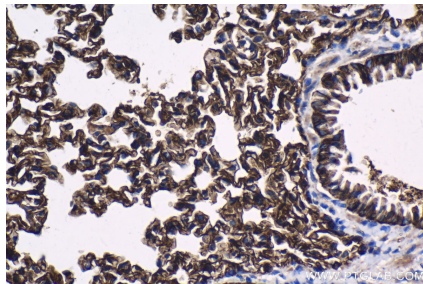
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC1334 (ITGA3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using KHC1334 (ITGA3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1334 (ITGA3 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using KHC1334 (ITGA3 IHC Kit).