



IHCeasy® ERRFI1/MIG6 Ready-To-Use IHC Kit

Catalog Number: KHC3016

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.

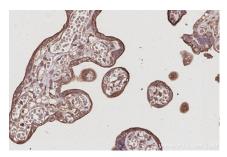
Background

ERRFI1 (the product of mitogen-inducible gene 6, also known as MIG6) is an early response gene encoding a non-kinase scaffold adaptor protein induced by various stimuli such as hormones and stresses. ERRFI1 is considered a negative regulator of EGFR because it can directly bind to EGFR, inhibit the catalytic activity of EGFR, and mediate EGFR lysosomal degradation. ERRFI1 may play important roles in regulating stress response, maintaining homeostasis in tissues like joints or cardiac muscle, and functioning as a tumor suppressor.

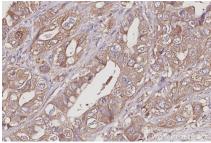
Synonyms

ERRFI1, MIG6; ERRFI1, GENE 33, MIG 6, MIG6

Selected Validation Data



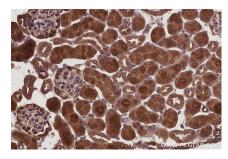
Immunohistochemical analysis of paraffinembedded human placenta tissue slide using KHC3016 (ERRFI1/MIG6 IHC Kit).



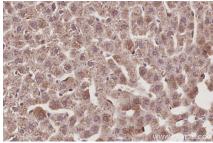
Immunohistochemical analysis of paraffinembedded human pancreas cancer tissue slide using KHC3016 (ERRFI1/MIG6 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse liver tissue slide using KHC3016 (ERRFI1/MIG6 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse kidney tissue slide using KHC3016 (ERRFI1/MIG6 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat liver tissue slide using KHC3016 (ERRFI1/MIG6 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat pancreas tissue slide using KHC3016 (ERRFI1/MIG6 IHC Kit).