



IHCeasy GJA1/Connexin 43 Ready-To-Use IHC Kit

Catalog Number: KHC2220

General Information

Sample type: FFPE tissue Cited sample type: Reactivity: Human, Mouse, Rat Cited Reactivity: Assay type: Immunohistochemistry Primary antibody type: Rabbit Recombinant

Secondary antibody type: Polymer-HRP-Goat anti-Rabbit

Kit Component

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	

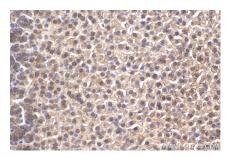
Storage Instructions

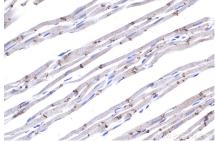
All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

Connexin 43 (Cx43, also known as gap junction alpha-1), a member of connexin family, plays essential roles in gap junction communication that facilitates direct communication among adjacent cells. Usually, six connexin proteins oligomerize into a hemi-channel or connexon during intercellular channel formation. Mutations of Connexin 43 may cause a series of diseases such as oculodentodigital dysplasia (ODDD), syndactyly 3 (SDTY3), hypoplastic left heart syndrome 1 (HLHS1) and so on.

Selected Validation Data





Immunohistochemical analysis of paraffinembedded mouse adrenal gland tissue slide using KHC2220 (GJA1/Connexin 43 IHC Kit).

Immunohistochemical analysis of paraffinembedded rat heart tissue slide using KHC2220 (GJA1/Connexin 43 IHC Kit).