Medaysis
Enable Innovation

DATA SHEET

Rabbit Anti-Cadherin-6/Cadherin-K/CDH6 [EP217]: RM0012, RM0012RTU7

Intended Use: For Research Use Only

Description: Cadherin-6 is a member of the cadherin superfamily. Cadherins are membrane glycoproteins that mediate homophilic cell-cell adhesion and play critical roles in cell differentiation and morphogenesis. It is a type II cadherin and may play a role in kidney development as well as endometrium and placenta formation. Cadherin-6 is highly expressed in kidney and the central nervous system. It has been found to be related to fetal kidney development and has been identified as a major cadherin in renal proximal tubules where conventional renal cell carcinoma originates. The expression of Cadherin-6 is associated with tumor progression in renal cell carcinoma.

Specifications:

Clone:	EP217
Source:	Rabbit
Isotype:	IgG
Reactivity:	Human
Localization:	Membrane
Formulation:	Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
Storage:	Store at 2°- 8°C
Applications:	IHC

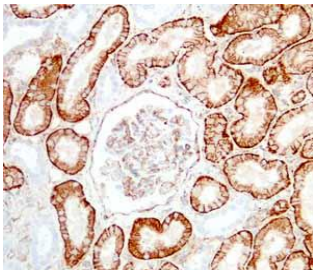
Package:

Description	Catalog No.	Size
Cadherin-6/Cadherin-K/CDH6 Concentrated	RM0012	1 ml
Cadherin-6/Cadherin-K/CDH6 Prediluted	RM0012RTU7	7 ml

IHC Procedure*:

Positive Control Tissue:	Kidney, RCC
Concentrated Dilution:	25-200
Pretreatment:	EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human kidney stained with anti-Cadherin-6 using DAB

References:

1. Combined overexpression of cadherin 6, cadherin 11 and cluster of differentiation 44 is associated with lymph node metastasis and poor prognosis in oral squamous cell carcinoma. Ma C, et al. Oncol Lett 15:9498-9506, 2018.
2. A catenin-dependent balance between N-cadherin and E-cadherin controls neuroectodermal cell fate choices. Rogers CD, et al. Mech Dev 152:44-56, 2018.
3. Cadherin-6B undergoes macropinocytosis and clathrin-mediated endocytosis during cranial neural crest cell EMT. Padmanabhan R & Taneyhill LA J Cell Sci 128:1773-86, 2015.

Orders: customercare@medaysis.com Support: techsupport@medaysis.com Tel: 510-509-3153 www.medaysis.com