

For Research Use Only

IHCeasy IMPDH1 Ready-To-Use IHC Kit

Catalog Number: KHC0911

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 Сору	
Manual	1 Сору	

Storage Instructions

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

Background

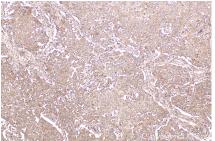
IMPDH1(Inosine-5'-monophosphate dehydrogenase 1) is also named as IMPD1, IMP dehydrogenase 1 and belongs to the IMPDH/GMPR family. It catalyzes the rate limiting step of de novo guanine synthesis and an important target for the development of drugs with both chemotherapeutic and immunosuppressive activity. It may also have a role in the development of malignancy and the growth progression of some tumors. Primary antibody in this kit may has cross reaction with IMPDH2 due to their high homology.

Synonyms

IMP dehydrogenase 1, IMPD, IMPD 1, IMPD1, IMPDH 1, IMPDH I, IMPDH1, LCA11, RP10, sWSS2608

For technical support and original validation data for this product please contact: T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

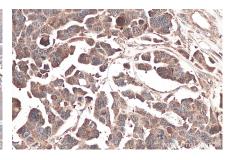
Selected Validation Data



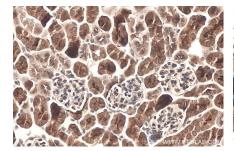


Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using KHC0911 (IMPDH1 IHC Kit).

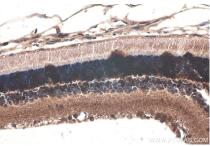
Immunohistochemical analysis of paraffinembedded human ovary tumor tissue slide using KHC0911 (IMPDH1 IHC Kit).



Immunohistochemical analysis of paraffinembedded human colon cancer tissue slide using KHC0911 (IMPDH1 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse kidney tissue slide using KHC0911 (IMPDH1 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat eye tissue slide using KHC0911 (IMPDH1 IHC Kit).