

IHCeasy[®] SGMS1 Ready-To-Use IHC Kit

Catalog Number: **KHC3284**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human, Mouse
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.

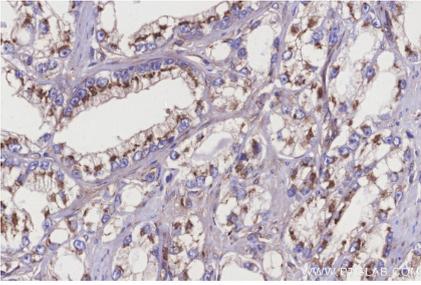
Background

Sphingomyelin synthase (SMS), with two isoforms, SMS1 (SGMS1) and SMS2, is a key enzyme involved in the generation and development of SM. SMS can participate in inflammation, atherosclerosis, proliferation, apoptosis, differentiation and other functions. SMS1 is frequently downregulated in various solid cancers, more particularly in melanoma.

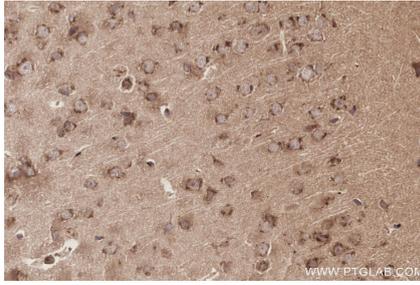
Synonyms

EC:2.7.8.27, hmob33, Medulla oblongata-derived protein, MOB, MOB1

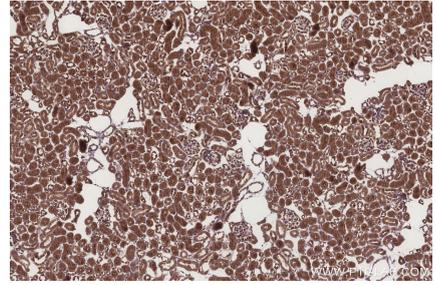
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using KHC3284 (SGMS1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using KHC3284 (SGMS1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC3284 (SGMS1 IHC Kit).