

# IHC*easy* DSE Ready-To-Use IHC Kit

Catalog Number: **KHC1340**

## General Information

**Sample type:**  
FFPE tissue

**Cited sample type:**

**Reactivity:**  
Human, Mouse, Rat

**Cited Reactivity:**

**Assay type:**  
Immunohistochemistry

**Primary antibody type:**  
Mouse Monoclonal

**Secondary antibody type:**  
Polymer-HRP-Goat anti-Mouse

## 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.

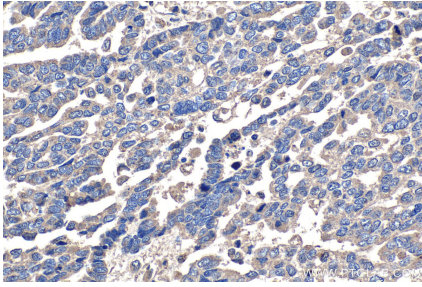
## Background

DSE, also named as SART2 and DSEPI, is an enzyme that converts D-glucuronic acid to L-iduronic acid residues in dermatan sulphate biosynthesis. It is also identified to be a tumour-associated antigen. DSE is recognized by cytotoxic T cells (CTLs) and its enhanced expression in many cancers has been reported. DSE is a potential candidate for a tumour antigen with immunogenicity.

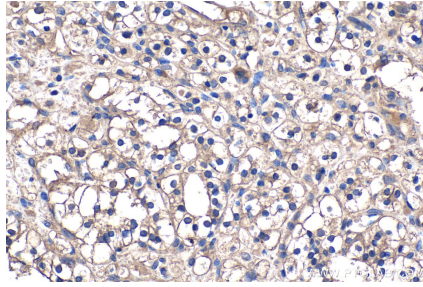
## Synonyms

dermatan sulfate epimerase, DS epimerase, DSE, DSEPI, SART 2, SART2

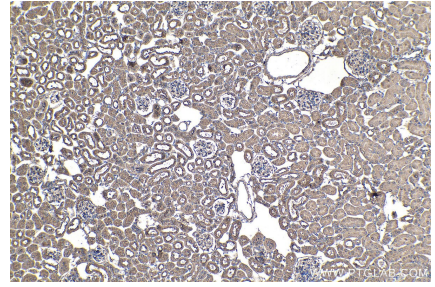
## Selected Validation Data



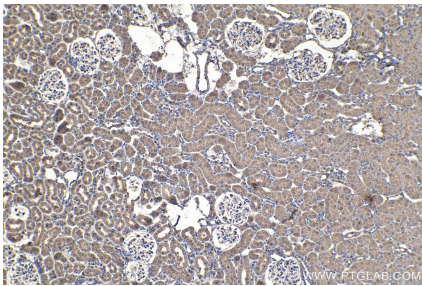
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using KHC1340 (DSE IHC Kit).



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using KHC1340 (DSE IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1340 (DSE IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using KHC1340 (DSE IHC Kit).