

IHC*easy* CD44 Ready-To-Use IHC Kit

Catalog Number: **KHC0030**

General Information

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

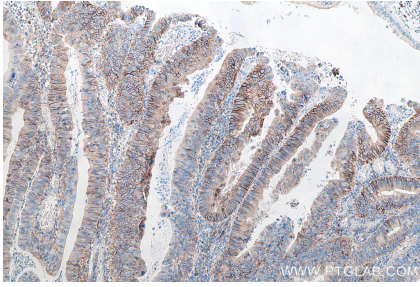
Background

CD44 is a type I transmembrane glycoprotein that mediates cell-cell and cell-matrix interactions through its affinity for hyaluronic acid (HA) and possibly also through its affinity for other ligands. Adhesion with HA plays an important role in cell migration, tumor growth and progression. CD44 is also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis.

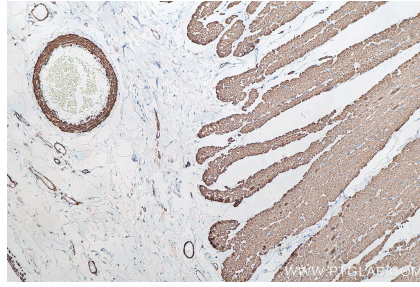
Synonyms

CD44, CD44 antigen, CDW44, CSPG8, ECMR III, Epican, HCELL, Heparan sulfate proteoglycan, Hermes antigen, HUTCH I, Hyaluronate receptor, IN, LHR, MC56, MDU2, MDU3, MIC4, MUTCH I, PGP 1, PGP I, Pgp1, Phagocytic glycoprotein 1, Phagocytic glycoprotein I

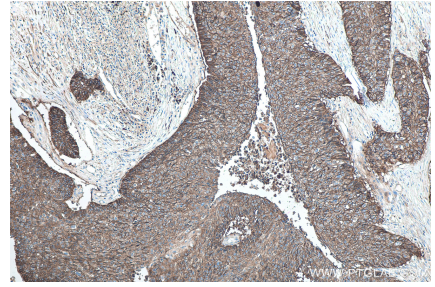
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0030 (CD44 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0030 (CD44 IHC Kit). This view is captured from cancer adjacent normal tissue.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC0030 (CD44 IHC Kit).