

# IHC*easy* GC/VTDB Ready-To-Use IHC Kit

Catalog Number: **KHC0422**

## 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.

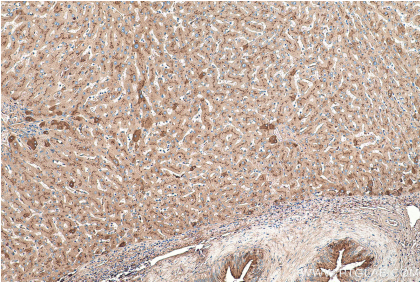
## Background

Vitamin D binding protein is a sparsely glycosylated serum protein responsible for highly specific binding and tissue-specific delivery of vitamin D and its metabolites. In addition, it is also an actin scavenger, and is the precursor to the immunomodulatory protein, Gc-MAF. Vitamin D binding protein has been proposed to have significant roles in C5a chemotaxis, osteoclast development and possibly in macrophage activation/recruitment.

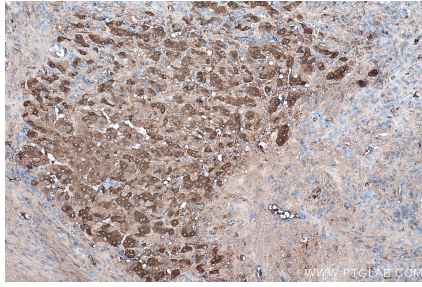
## Synonyms

DBP, DBP/GC, GC, Gc globulin, Group specific component, VDB, VDBG, VDBP, VDBP,GC, Vitamin D binding protein

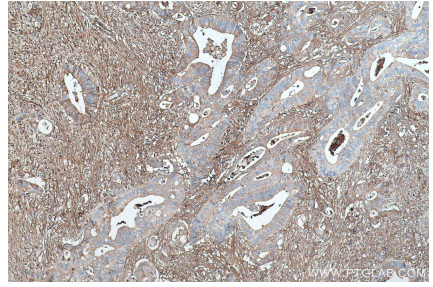
## Selected Validation Data



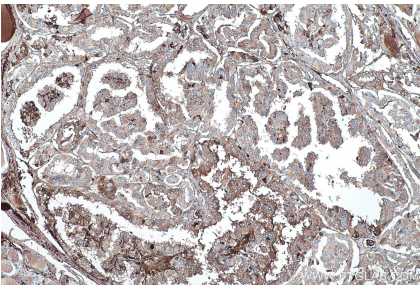
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using KHC0422 (GC/VTDB IHC Kit).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using KHC0422 (GC/VTDB IHC Kit).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using KHC0422 (GC/VTDB IHC Kit).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC0422 (GC/VTDB IHC Kit).