

Datasheet for ABIN7426364

**anti-Vitamin D-Binding Protein antibody (AA 209-401)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	Vitamin D-Binding Protein (GC)
Binding Specificity:	AA 209-401
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Vitamin D-Binding Protein antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Vitamin D Binding Protein (DBP)
Immunogen:	Recombinant Vitamin D Binding Protein (DBP) corresponding to Leu209~Asp401 (Accession # P02774)
Clone:	C4
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against DBP. It has been selected for its ability to recognize DBP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

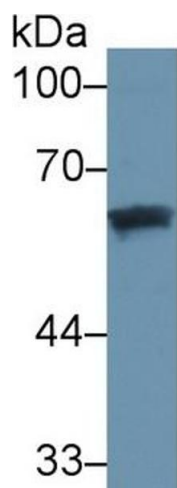
Target:	Vitamin D-Binding Protein (GC)
Alternative Name:	Vitamin D Binding Protein ( <a href="#">GC Products</a> )
Background:	GC, VDBG, VDBP, Group-Specific Component, Gc-globulin
Pathways:	<a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Monocarboxylic Acid Catabolic Process</a>

## Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

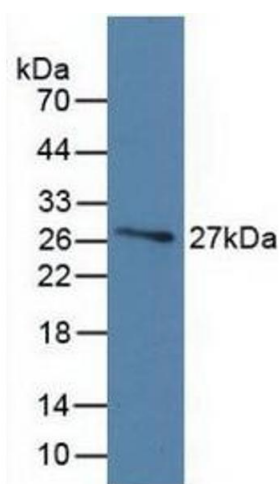
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



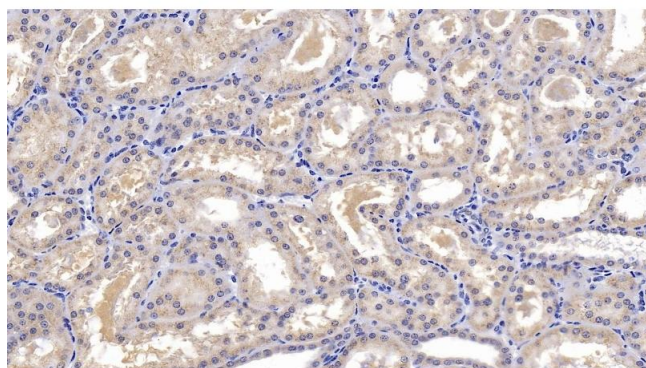
#### Western Blotting

**Image 1.** Detection of DBP in Human Lung lysate using Monoclonal Antibody to Vitamin D Binding Protein (DBP)



#### Western Blotting

**Image 2.** Detection of Recombinant DBP, Human using Monoclonal Antibody to Vitamin D Binding Protein (DBP)



#### Immunohistochemistry

**Image 3.** Detection of DBP in Human Kidney Tissue using Monoclonal Antibody to Vitamin D Binding Protein (DBP)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7426364.