




Product datasheet

Anti-Vitamin D Binding protein antibody [C1] ab239733

3 Images

Overview

Product name	Anti-Vitamin D Binding protein antibody [C1]
Description	Mouse monoclonal [C1] to Vitamin D Binding protein
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat Predicted to work with: Mouse 
Immunogen	Recombinant fragment (His-tag) corresponding to Human Vitamin D Binding protein aa 200-400. N-terminal tag (Expressed in E.coli). Database link: P04276 <div>  Run BLAST with  Run BLAST with </div>
Positive control	WB: Recombinant rat Vitamin D Binding protein; Rat serum. IHC-P: Rat pancreas tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Protein A/G purified
Purification notes	Purified from TCS.

Clonality	Monoclonal
Clone number	C1
Isotype	IgG2b
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab239733 in the following tested applications.

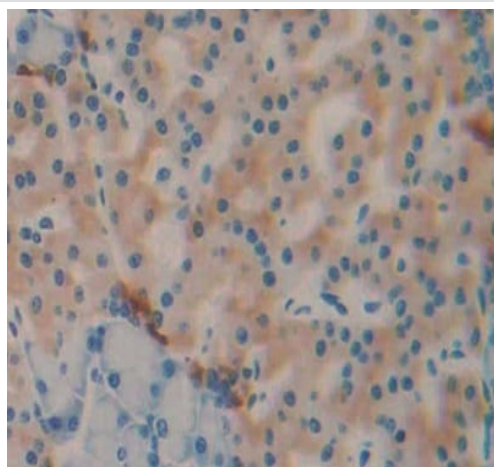
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 5 µg/ml.
IHC-P		Use a concentration of 5 - 30 µg/ml.

Target

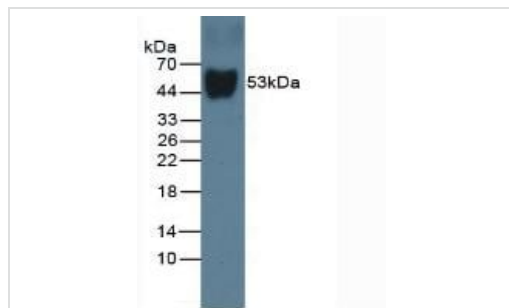
Function	Multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid, and urine and on the surface of many cell types. In plasma, it carries the vitamin D sterols and prevents polymerization of actin by binding its monomers. DBP associates with membrane-bound immunoglobulin on the surface of B-lymphocytes and with IgG Fc receptor on the membranes of T-lymphocytes.
Sequence similarities	Belongs to the ALB/AFP/VDB family. Contains 3 albumin domains.
Cellular localization	Secreted.

Images



Paraffin-embedded rat pancreas tissue stained for Vitamin D binding protein using ab239733 at 40 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Vitamin D Binding protein antibody [C1] (ab239733)

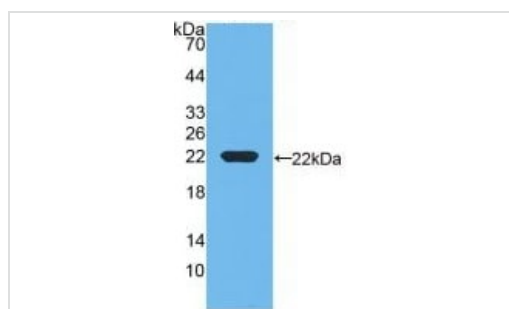


Western blot - Anti-Vitamin D Binding protein antibody [C1] (ab239733)

Anti-Vitamin D Binding protein antibody [C1] (ab239733) at 3 µg/ml
+ Rat serum

Secondary

HRP-Linked Rabbit anti-Mouse IgG at 1/5000 dilution



Western blot - Anti-Vitamin D Binding protein antibody [C1] (ab239733)

Anti-Vitamin D Binding protein antibody [C1] (ab239733) at 5 µg/ml
+ Recombinant rat Vitamin D Binding protein

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors