

Product datasheet

Anti-Vitamin D Binding protein antibody [EPR2922Y] ab76537

Recombinant RabMAb

[3 Images](#)

Overview

Product name	Anti-Vitamin D Binding protein antibody [EPR2922Y]
Description	Rabbit monoclonal [EPR2922Y] to Vitamin D Binding protein
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human Vitamin D Binding protein aa 250-350. The exact sequence is proprietary.
Positive control	Human Plasma and permeabilized U937 cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant

Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR2922Y
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab76537 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
Flow Cyt (Intra)		1/40. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/5000 - 1/20000. Predicted molecular weight: 53 kDa.

Application notes Is unsuitable for IHC-P or IP.

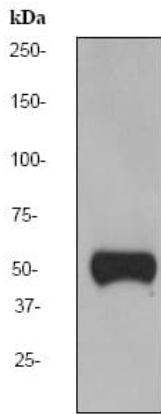
Target

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



Western blot - Anti-Vitamin D Binding protein antibody [EPR2922Y] (ab76537)

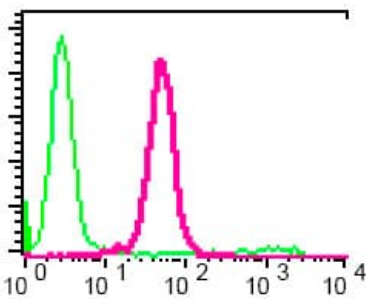
Anti-Vitamin D Binding protein antibody [EPR2922Y] (ab76537) at 1/20000 dilution + human plasma at 10 µg

Secondary

HRP labelled goat anti-rabbit at 1/1000 dilution

Predicted band size: 53 kDa

Observed band size: 53 kDa



Flow Cytometry (Intracellular) - Anti-Vitamin D Binding protein antibody [EPR2922Y] (ab76537)

Intracellular flow cytometric analysis of permeabilized U937 cells using ab76537 at a 1/40 dilution (red) or a rabbit IgG (negative) (green).

Why choose a recombinant antibody?

 Research with confidence Consistent and reproducible results	 Long-term and scalable supply Recombinant technology
 Success from the first experiment Confirmed specificity	 Ethical standards compliant Animal-free production

Anti-Vitamin D Binding protein antibody [EPR2922Y] (ab76537)

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

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