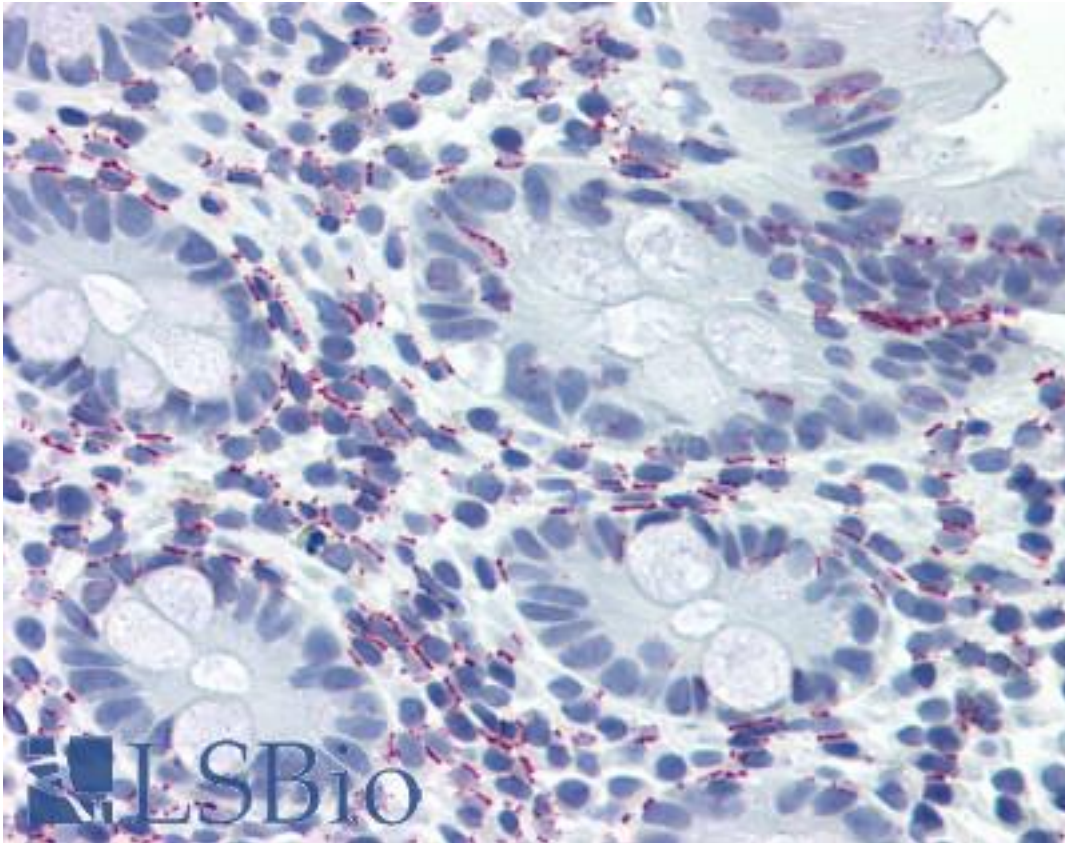


Vitamin D Receptor / VDR Rat anti-Chicken Monoclonal (aa89-105) Antibody - LS-B2577 - LSBio	
CatalogID:	LS-B2577
Validation:	This antibody replaces catalog number LS-C11024. It has been validated for use in the following assays: IHC-P.
Target:	vitamin D (1,25- dihydroxyvitamin D3) receptor (VDR)
Synonyms:	VDR Antibody, NR111 Antibody, Vitamin D3 receptor Antibody, Vitamin D receptor Antibody
Family / Subfamily:	NHR / NR1 Thyroid hormone-like
Host	VDR antibody was produced in Rat
Clonality:	Monoclonal
Isotype:	IgG2b
Immunogen Species:	Vitamin D Receptor / VDR antibody was raised against Chicken
Antigen Type:	Purified protein
Immunogen:	Vitamin D Receptor / VDR antibody was raised against vitamin D receptor protein from chicken intestine (53kD). Cellular Localization: Nuclear. Epitope: 89-105.
Specificity:	Recognizes both the occupied and unoccupied forms of VDR. Does not cross-react with estrogen and glucocorticoid receptors. In mammals, recognizes a protein of ~53kD which is identified as vitamin D Receptor (VDR). In avians, VDR appears as a doublet of 58 and 60kD. Species cross-reactivity: Human, porcine, mouse, rat, hamster, frog, chicken and fish.
Epitope:	aa89-105
Reactivity:	Chicken, Human, Mouse, Rat, Hamster, Pig, Frog
Purification:	Protein G purified
Presentation:	PBS, pH 7.4, 0.2% BSA, 0.09% sodium azide.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B2577 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2577 was determined to be 10 ug/ml. Positive control: LNCaP and HeLa cells.
Uses:	IHC - Paraffin (10 µg/ml), Western blot (1 - 2 µg/ml) (Optimal dilution to be determined by the researcher)
Size:	250 µl
Concentration:	0.2 mg/ml

Immunohistochemistry Image:



Anti-VDR antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2577 concentration 10 ug/ml.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

Not for resale without prior written consent from LifeSpan BioSciences, Inc.

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