

Vitamin D Receptor Conjugated Antibody

Catalog No: #C49521



Package Size: #C49521-AF350 100ul #C49521-AF405 100ul #C49521-AF488 100ul #C49521-AF555 100ul #C49521-AF594 100ul #C49521-AF647 100ul #C49521-AF680 100ul #C49521-AF750 100ul #C49521-Biotin 100ul #C49521-Conjugated 50ul

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Description

Product Name	Vitamin D Receptor Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Applications	WB, IF, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	1,25-dihydroxyvitamin D3 receptor antibody 1 antibody 1,25-dihydroxyvitamin D3 receptor antibody 1,25-(OH) ₂ -vitamin D3 receptor antibody 25-dihydroxyvitamin D3 receptor antibody Member 1 antibody NR111 antibody Nuclear receptor subfamily 1 group I member 1 antibody PPP1R163 antibody Protein phosphatase 1, regulatory subunit 163 antibody VDR antibody VDR_HUMAN antibody Vitamin D (1,25-dihydroxyvitamin D3) receptor antibody Vitamin D hormone receptor antibody Vitamin D nuclear receptor variant 1 antibody Vitamin D receptor antibody Vitamin D3 receptor antibody
Accession No.	Swiss-Prot#:P11473
Calculated MW	48 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF: 1:50-1:200

FC: 1:50-1:200

Background

The active metabolite of vitamin D modulates the expression of a wide variety of genes in a developmentally specific manner. This secosteroid hormone can up- or downregulate the expression of genes involved in a diverse array of responses such as proliferation, differentiation and calcium homeostasis. 1,25-(OH)₂-vitamin D3 exerts its effects through interaction with the vitamin D receptor (VDR), a member of the superfamily of hormone-activated nuclear receptors. In its ligand-bound state, the VDR forms heterodimers with the 9-cis retinoic acid receptor, RXR, and affects gene expression by binding specific DNA sequences known as hormone response elements, or HREs. In addition to regulating the above-mentioned cellular responses, 1,25-(OH)₂-vitamin D3 exhibits antiproliferative properties in osteosarcoma, melanoma, colon carcinoma and breast carcinoma cells.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.