



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



Vitamin D3 Receptor

nordicmubio.com/product/vitamin-d3-receptor

Catalogue number: **VDR001**

| | |
|--------------|---|
| Clone | 9A7 |
| Isotype | IgG2b |
| Product Type | Primary Antibodies |
| Units | 100 µl |
| Host | Rat |
| Application | Functional Inhibition Immunohistochemistry (paraffin) Immunoprecipitation Western Blotting |

Background

The antibody to VDR labels the nuclear receptor in a number of tissues like intestine, bone, kidney, epidermis, and endocrine cells. 1,25(OH)₂-Vitamin D₃, the active form of vitamin D binds to a nuclear receptor (Vitamin D receptor, VDR), which is acting as a transcription factor in calcium and bone metabolism. Many effects of vitamin D₃ are due to VDR regulated transcription of certain target genes, which are involved in cell proliferation, differentiation and apoptosis. Vitamin D receptor, detects epitope aa 89-105 in human VDR.

Source

Immunogen: Partially purified chicken vitamin D receptor

Product

Diluted ascites containing 0.01% sodium azide

Purification Method: Diluted ascites containing 0.01% sodium azide

Specificity

Species Reactivity: Mammals, birds, other vertebrates not tested

Applications

IHC(P), IP, WB, functional inhibition (azide-free solution required!)

Working Concentration: (liquid conc.) 1:500-1:1000 (IHC), 1:1000-1:2000 (WB)

Pre-Treatment: Bouin's fixative recommended. Over-fixation will destroy the epitope. For antigen unmasking citrate buffer (ref. DE000) is suitable.

Positive Control: Intestine, skin, kidney

Storage

-20°C

Caution

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. It may contain hazardous ingredients. Please refer to the Safety Data Sheets (SDS) for additional information and proper handling procedures. Dispose product remainders according to local regulations. This datasheet is as accurate as reasonably achievable, but Nordic-MUBio accepts no liability for any inaccuracies or omissions in this information.

References

1. Nemere I, Ray R, McManus W. (2000) Immunochemical studies on the putative plasmalemmal receptor for 1, 25(OH)(2)D(3). I. Chick intestine. Am J Physiol Endocrinol Metab. 2000 Jun;278(6):E1104-14
2. Bischoff HA, Borchers M, Gudat F, Duermueller U, Theiler R, Stahelin HB, Dick W. (2001) In situ detection of 1,25-dihydroxyvitamin D3 receptor in human skeletal muscle tissue. Histochem J. 2001 Jan;33(1):19-24
3. Balmain N, Hauchecorne M, Pike JW, Cuisinier-Gleizes P, Mathieu H. (1993) Distribution and subcellular immunolocalization of 1,25-dihydroxyvitamin D3 receptors in rat epiphyseal cartilage. Cell Mol Biol (Noisy-le-grand). 1993 May;39(3):339-50

Safety Datasheet(s) for this product:

NM_Sodium Azide

</wp-content/uploads/SDS/Antibody SDS with Sodium Azide Nordic-MUBio.pdf>