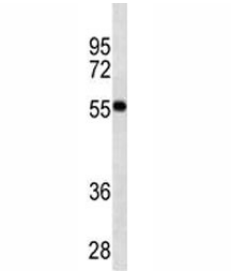
VDR Antibody [clone 517CT23.5.1] (F40380)

Catalog No.	Formulation	Size
F40380-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40380-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgA
Clone Name	517CT23.5.1
Purity	Purified
UniProt	P11473
Applications	Western Blot : 1:100-1:500
Limitations	This VDR antibody is available for research use only.



VDR antibody western blot analysis in MDA-MB453 lysate. Predicted molecular weight 48/54 kDa (isoforms 1/2).

Description

This gene encodes the nuclear hormone receptor for vitamin D3. This receptor also functions as a receptor for the secondary bile acid lithocholic acid. The receptor belongs to the family of trans-acting transcriptional regulatory factors and shows sequence similarity to the steroid and thyroid hormone receptors. Downstream targets of this nuclear hormone receptor are principally involved in mineral metabolism though the receptor regulates a variety of other metabolic pathways, such as those involved in the immune response and cancer. Mutations in this gene are associated with type II

vitamin D-resistant rickets. A single nucleotide polymorphism in the initiation codon results in an alternate translation start site three codons downstream. Alternative splicing results in multiple transcript variants encoding the same protein.

Application Notes

Titration of the VDR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Purified His-tagged protein fragment was used to produced this monoclonal VDR antibody.

Storage

Aliquot the VDR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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