Vitamin D3 Receptor (Ab-51) Conjugated Antibody

Catalog No: #C33256

Package Size: #C33256-AF350 100ul #C33256-AF405 100ul #C33256-AF488 100ul #C33256-AF555 100ul #C33256-AF594 100ul #C33256-AF647 100ul #C33256-AF680 100ul #C33256-AF750 100ul #C33256-Biotin 100ul

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Description

Product Name	Vitamin D3 Receptor (Ab-51) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total Vitamin D3 Receptor protein.
Immunogen Description	Synthesized non-phosphopeptide derived from human Vitamin D3 Receptor around the phosphorylation site of serine 51 (R-R-S(p)-M-K).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	1,25-dihydroxyvitamin D3 receptor;NR1I1;vitamin D receptor;vitamin D3 receptor
Accession No.	Swiss-Prot#:P11473NCBI Gene ID:7421
Uniprot	P11473
GeneID	7421;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	40
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

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Nuclear hormone receptor. Transcription factor that mediates the action of vitamin D3 by controlling the expression of hormone sensitive genes. Regulates transcription of hormone sensitive genes via its association with the WINAC complex, a chromatin-remodeling complex. Recruited to promoters via its interaction with the WINAC complex subunit BAZ1B/WSTF, which mediates the interaction with acetylated histones, an essential step for VDR-promoter association. Plays a central role in calcium homeostasis.

Note: This product is for in vitro research use only