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Datasheet for ABIN7427699
anti-Vitamin D3 antibody

Overview

Quantity:	100 µL
Target:	Vitamin D3
Reactivity:	Various Species
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Vitamin D3 antibody is un-conjugated
Application:	ELISA, Chemiluminescence Immunoassay (CLIA), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Monoclonal Antibody to Vitamin D3 (VD3)
Immunogen:	OVA Conjugated Vitamin D3 (VD3)
Clone:	C1
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against VD3. It has been selected for its ability to recognize VD3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Various Species
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	Vitamin D3
Abstract:	Vitamin D3 Products
Background:	Cholecalciferol, Toxiferol, Activated 7-Dehydrocholesterol

Application Details

Application Notes:	Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months