

# Product Datasheet

## Vitamin D BP Antibody (5E8) - BSA Free NBP2-23537-0.1ml

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP2-23537-0.1ml**

Vitamin D BP Antibody (5E8) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	5E8
Preservative	0.9% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl

Product Description	
Host	Mouse
Gene ID	2638
Gene Symbol	GC
Species	Human
Reactivity Notes	Human
Specificity/Sensitivity	Clone 5E8 is specific for human Vitamin D Binding Protein (VDBP).
Immunogen	VDCP isolated from human plasma

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000
Application Notes	Clone 5E8 reacts strongly with Gc-globulin. In order to measure total Gc-globulin a combination of Clone 05 as capture antibody and Clone 5E8B as biotinylated detection antibody can be used. A strong reaction is also seen in ELISA with Gc-globulin coated directly onto the microtiter well and when tested in sandwich ELISA in combination with a polyclonal antibody against Gc-globulin . In Western blotting after SDS-PAGE, Clone 5E8 reacts with Gc-globulin in both reduced as well as unreduced forms.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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