

Product datasheet for **CF809180**

Vitamin D Binding protein (GC) Mouse Monoclonal Antibody [Clone ID: OTI3H10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3H10
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human GC (NP_000574) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51.1 kDa
Gene Name:	GC vitamin D binding protein
Database Link:	NP_000574 Entrez Gene 2638 Human P02774



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Background:

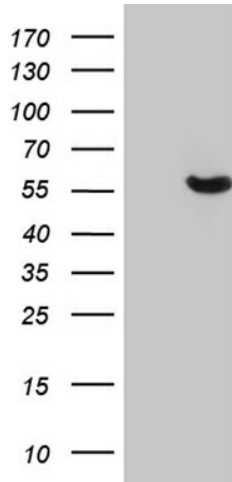
The protein encoded by this gene belongs to the albumin gene family. It is a multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid and on the surface of many cell types. It binds to vitamin D and its plasma metabolites and transports them to target tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2011]

Synonyms:

DBP; GC; Gc-MAF; GcMAF; GRD3; HEL-S-51; VDBG; VDBP

Protein Families:

Secreted Protein

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GC ([RC208864], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GC (1:2000). Positive lysates [LY400197] (100ug) and [LC400197] (20ug) can be purchased separately from OriGene.