

## Mouse Anti-Vitamin D Binding protein antibody

SLM-43119M

**Product Name** Vitamin D Binding protein

**Chinese Name** 维生素 DBinding protein 单克隆抗体

**Alias** DBP; DBP/GC; GC; Gc globulin; GRD3; Group specific component; Group specific component vitamin D binding protein; hDBP; VDB; VDBG; VDBP; Vitamin D binding alpha globulin; VTDB\_HUMAN.

**Research Area** Tumour Cell biology immunology Binding protein

**Immunogen Species** Mouse

**Clonality** Monoclonal

**React Species** Human, Rat,

**Applications** WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:400-800,IF=1:100-500 (Paraffin sections need antigen repair)  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 51kDa

**Cellular localization** Secretory protein

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** Recombinant human Vitamin D Binding protein: 7-474/474

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**PubMed**

[PubMed](#)

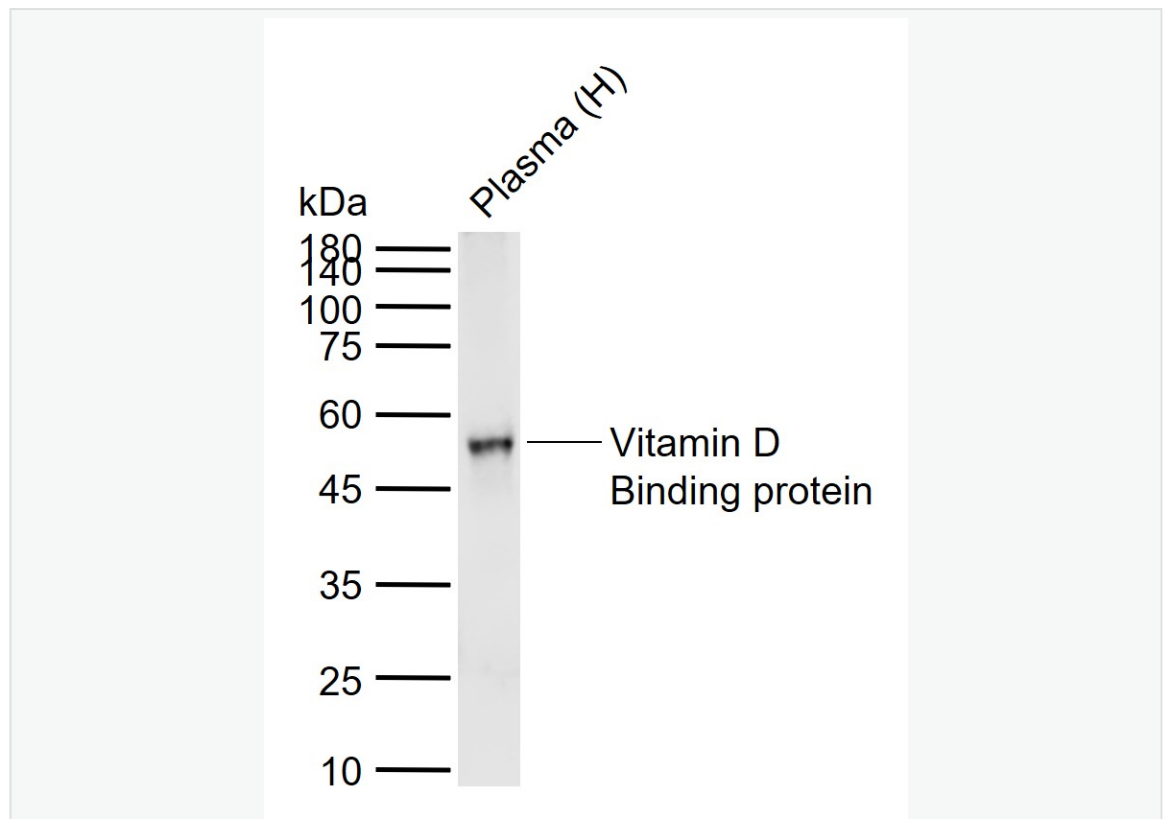
Vitamin D Binding Protein is a secreted multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid and urine, and on the surface of many cell types. In plasma, it carries the vitamin D sterols and prevents polymerization of actin by binding its monomers. DBP associates with membrane bound immunoglobulin on the surface of B lymphocytes and with IgG fc receptor on the membranes of T lymphocytes.

**Product Detail**

**SWISS:**  
P02774

**Gene ID:**  
2638

**Product Picture**



Sample:

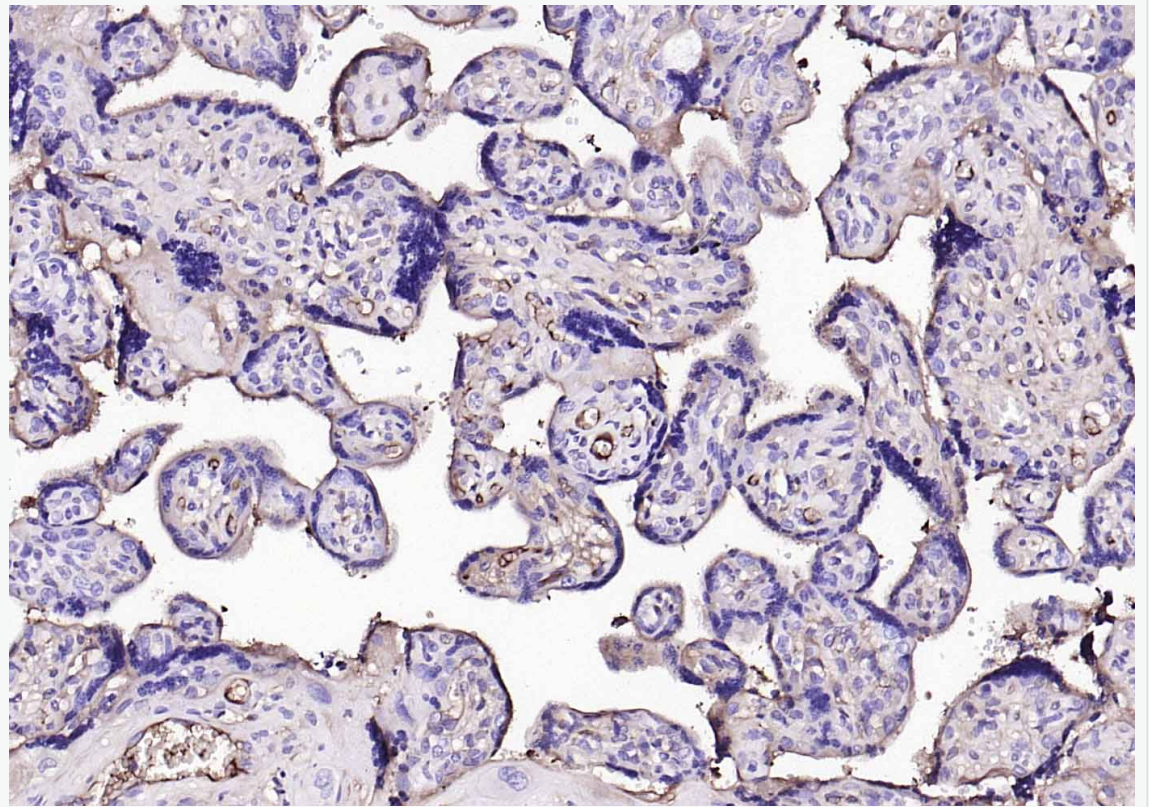
Lane 1: Human Plasma

Primary: Anti-Vitamin D Binding protein (SLM-43119M) at 1/1000 dilution

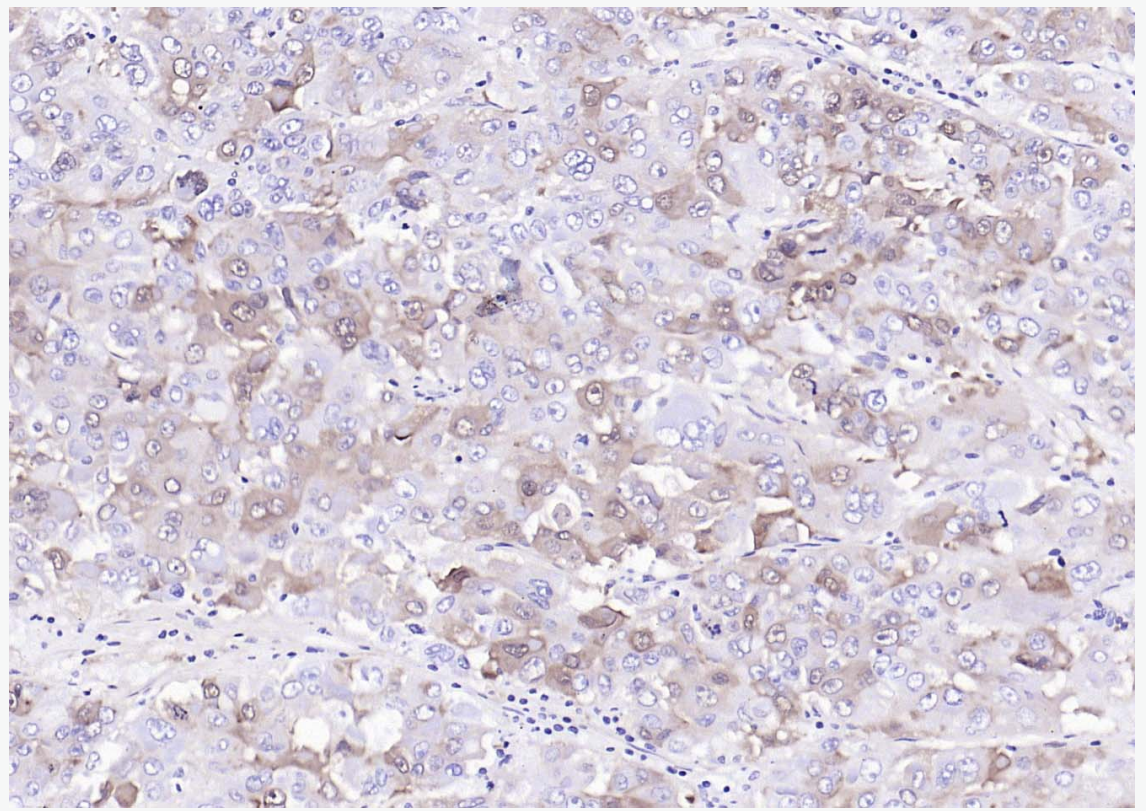
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution

Predicted band size: 51 kDa

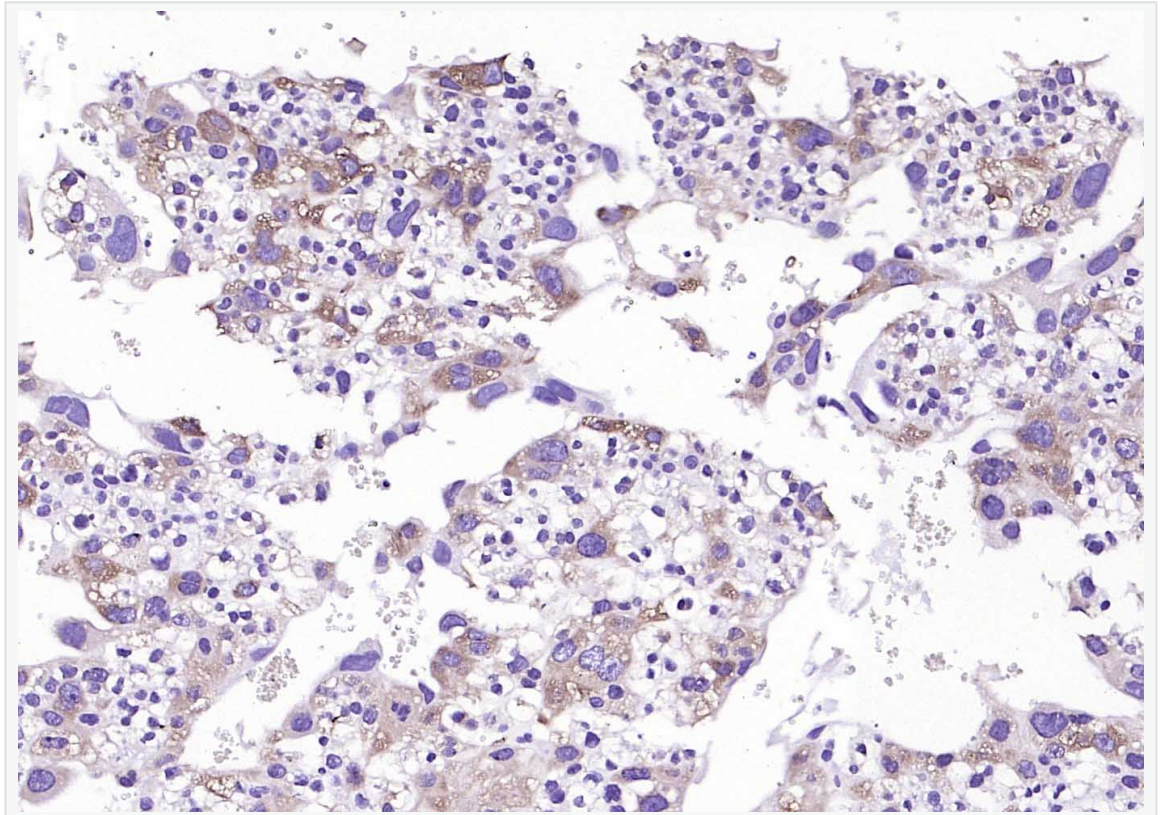
Observed band size: 53 kDa



Paraformaldehyde-fixed, paraffin embedded (human placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vitamin D Binding protein) Monoclonal Antibody, Unconjugated (SLM-43119M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vitamin D Binding protein) Monoclonal Antibody, Unconjugated (SLM-43119M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Vitamin D Binding protein) Monoclonal Antibody, Unconjugated (SLM-43119M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.