

bsm-43119M**[Primary Antibody]**

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Vitamin D Binding protein Mouse mAb**— DATASHEET —**

Host: Mouse
Clonality: Monoclonal
GeneID: 2638
Target: Vitamin D Binding protein
Immunogen: Recombinant human Vitamin D Binding protein: 7-474/474.
Purification: affinity purified by Protein A
Concentration: 1mg/ml

Storage: Size : 50ul/100ul/200ul
 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
 Size : 200ug (PBS only)
 0.01M PBS
 Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

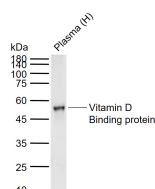
Background: Vitamin D Binding Protein is a secreted multifunctional protein found in plasma, ascitic fluid, cerebrospinal fluid and urine, and on the surface of many cell types. In plasma, it carries the vitamin D sterols and prevents polymerization of actin by binding its monomers. DBP associates with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

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:400-800)
IF (1:100-500)

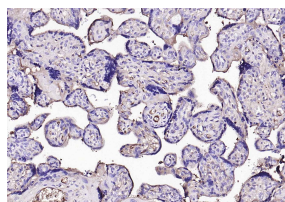
Reactivity: Human, Rat

Predicted MW.: 51 kDa

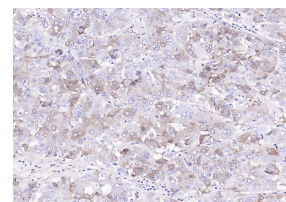
Subcellular Location: Secreted

— VALIDATION IMAGES —

Sample: Lane 1: Human Plasma Primary: Anti-Vitamin D Binding protein (bsm-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 (bsm-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 (bsm-43119M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.