



Rabbit polyclonal antibody to human Opioid-binding cell adhesion molecule (294-312): Affinity purified

Catalogue No.:	R-1094-100
Description:	Opioid-binding protein cell adhesion molecule (OPCML) is a member of the IgLON family of immunoglobulins (Ig). OPCML binds opioids in the presence of acidic lipids. Inactivation and loss of function of OPCML may play a role in epithelial ovarian cancer.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (YTCVATNKLGNASNITLY) corresponding to a region (294-312) from human Opioid-binding cell adhesion molecule. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Opioid-binding protein/cell adhesion molecule; OPCML; OBCAM;
Accession:	Q14982 OPCM_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.1-0.5 ug/mL is recommended for WB. Human Opioid-binding cell adhesion molecule (precursor) has a predicted length of 345 residues and MW of 38 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; predicted to react with rat and mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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