

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

<b>Catalogue No.:</b>	R-1094-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (YTCVATNKLGNASITLY) 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.
<b>Other Names:</b>	Opioid-binding protein/cell adhesion molecule; OPCML; OBCAM;
<b>Accession:</b>	Q14982 OPCM_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	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.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; predicted to react with rat and mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	12 months after purchase

---

FOR RESEARCH USE ONLY

---