

Rabbit Anti-Human KSHV GPCR pAb

Catalog No. CPK200 **Quantity:** 200 µg

Alternate Names: human herpesvirus 8 (HHV8)

Description: Kaposi's sarcoma-associated Herpesvirus (KSHV) or Human Herpesvirus 8, HHV8, is a gamma Herpesvirus that contain an open reading frame encoding a G Protein Coupled Receptor (GPCR) with putative 7 transmembrane domains. This GPCR has been shown to bind a number of chemokines including IL-8, NAP-2, PF-4, MGSA/GroA, I-309, RANTES, MCP-1, and MIP-1b. The receptor is constitutively activated without chemokine binding, and it stimulates cell proliferation. KSHV GPCR is also a viral oncogene that stimulates angiogenesis through induction of VEGF expression. IP-10, a chemokine, can inhibit constitutively activated KSHV GPCR.

Specificity: Human KSHV GPCR

Host: Rabbit

Immunogen: Recombinant KSHV GPCR N-terminal fragment (amino acids 1-41)

Isotype: IgG

Formulation: Lyophilized with 0.05% Sodium Azide. Precaution: Sodium Azide is a poisonous and hazardous substance which should be handled by trained staff only.

Purification: Protein A purified

Reconstitution: **Centrifuge the vial prior to opening.** Reconstitute to 1.0 mg/mL by adding 200 µl sterile distilled water.

Applications: Flow Cytometry: Recognizes the KSHV GPCR expressed in transfected cells. The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store at 2-4°C for short term or at -20°C in working aliquots for longer term. **Avoid repeated freeze-thaw cycles.**

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