



Biotinylated Anti-viral MCV type II Chemokine-like Protein Antibody

ORDERING INFORMATION

Catalog Number: BAF697

Lot Number: CYR01

Size: 50 µg

Formulation: 0.2 µm filtered solution in PBS

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: rvMCV type II chemokine-like protein

Immunogen: *E. coli*-derived rvMCV type II chemokine-like protein

Ig Type: viral MCV type II specific goat IgG

Application: Western blot

Preparation

Produced in goats immunized with purified, *E. coli*-derived, recombinant viral Molluscum contagiosum virus type II chemokine-like protein (rvMCV type II CLP). MCV type II specific IgG was purified by viral MCV type II affinity chromatography and then biotinylated.

Formulation

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS).

Reconstitution

Reconstitute with sterile Tris-buffered saline pH 7.3 (20 mM Trizma base, 150 mM NaCl) containing 0.1% BSA. If 1 mL of buffer is used, the antibody concentration will be 50 µg/mL.

Storage

Lyophilized samples are stable for greater than six months when held at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 4° C for at least 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C for at least six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for use as a detection antibody in viral MCV type II western blots. In western blots, this antibody shows no cross-reactivity with other chemokines tested.¹

Application

Western Blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect viral MCV type II. The detection limit for rvMCV type II is approximately 2 ng/lane under non-reducing and reducing conditions.

¹rh6Ckine, rm6Ckine, rmC10, rrCINC-1, rrCINC-2α, rrCINC-2β, rhBLC/BCA-1, rvCMV UL146, rmCRG-2, rhENA-78, rhEotaxin, rmEotaxin, rhEotaxin-2, rhFractalkine, rmFractalkine, rhGCP-2, rmGCP-2, rhGROα, rhGROβ, rhGROγ, rhI-309, rhIL-8, rhIP-10, rhI-TAC, rmJE, rmKC, rmLymphotactin, rmMARC, rhMCP-1, rhMCP-2, rhMCP-3, rhMCP-4, rmMCP-5, rhMDC, rmMDC, rhMIG, rmMIG, rmMIP-1β, rhMIP-1δ, rmMIP-1γ, rvMIP-I, rmMIP-2, rvMIP-II, rhMIP-3α, rrMIP-3α, rhMIP-3β, rmMIP-3β, rvMIP-III, rhMPIF-1, rhNAP-2, rhPARC, rhRANTES, rmRANTES, rhSDF-1α, rmSDF-1α, rhSDF-1β, rhTarc, rmTCA-3, rhTeck, rmTeck