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

**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.


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