



Biotinylated Anti-viral MIP-III Antibody

ORDERING INFORMATION

Catalog Number: BAF698

Lot Number: BXP01

Size: 50 µg

Formulation: 0.2 µm filtered solution in PBS

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: rvMIP-III

Immunogen: *E. coli*-derived rvMIP-III

Ig class: viral MIP-III specific goat IgG

Application: Western blot

Preparation

Produced in goats immunized with purified, *E. coli*-derived, recombinant viral macrophage inflammatory protein type III (rvMIP-III). MIP-III specific IgG was purified by viral MIP-III 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 MIP-III western blots. Based on western blot results, 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 MIP-III. The detection limit for rvMIP-III is approximately 0.5 ng/lane and 5 ng/lane under non-reducing and reducing conditions, respectively.

¹rh6Ckine, rm6Ckine, rhACT II (rhMIP-1β), rhBLC/BCA-1, rmC10, rrCINC-1, rrCINC-2α, rrCINC-2β, rmCRG-2, rhENA-78, rhEotaxin, rmEotaxin, rhEotaxin 2, rhFractalkine, rhGCP-2, rmGCP-2, rhGROα, rhGROβ, rhGROγ, rhHCC-1, rhHCC-4, rhI-309, rhIL-8, rhIL-16, rhIP-10, rmJE, rmKC, rmLymphotactin, rmMARC, rhMCP-1, rhMCP-1 R, rhMCP-2, rhMCP-3, rhMCP-4, rmMCP-5, rhMDC, rmMDC, rhMIG, rmMIG, rhMIP-1α, rmMIP-1α, rmMIP-1β, rmMIP-1γ, rhMIP-1δ, rmMIP-2, rhMIP-3α, rrMIP-3α, rhMIP-3β, rmMIP-3β, rvMIP-I, rvMIP-II, rhMPIF-1, rhNAP-2, rhParc, rhRANTES, rmRANTES, rhSDF-1α, rmSDF-1α, rhSDF-1β, rhTarc, rhTeck, rmTeck