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Antigen-Affinity Purified Polyclonal Antibodies

Anti-rat GROβ/MIP-2

Description: Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant Rat GROβ/MIP-2 (Rat GROβ/Macrophage Inflammatory Protein-2). Anti-Rat GROβ/MIP-2 specific antibody was purified by affinity chromatography employing immobilized Rat GROβ/MIP-2 matrix.

Host species:	Rabbits
Antigen:	Recombinant rat GROβ/MIP-2
Purification:	Affinity chromatography
Stabilizer:	none
Buffer:	PBS; pH 7.2
Formulation:	lyophilized

Reconstitution/Stability: The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile water to a concentration of ≥0.2 mg/ml the antibody is stable for at least six weeks at 2-4°C. **Avoid repeated freeze-thaw cycles.**

Applications

Neutralization: To yield one-half maximal inhibition [**ND**₅₀] of the biological activity of Rat GROβ/MIP-2 (100 ng/ml), a concentration of 3.0 – 5.0 µg/ml of this antibody is required.

ELISA: To detect Rat GROβ/MIP-2 by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant Rat GROβ/MIP-2.

Western Blot: To detect Rat GROβ/MIP-2 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Rat GROβ/MIP-2 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Usage: Anti rat GROβ/MIP-2 is offered for research use. Not for drug use. **Not for human use.**

Catalogue number: 104-P02

Size: 100 µg

**** please note: always centrifuge vials before opening ****