



Peninsula Laboratories, LLC

A Member of the Bachem Group

305 Old County Road, San Carlos, CA 94070

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Monoclonal Antibody To Mouse Macrophage Scavenger Receptor

Marker For Receptor Type I And Type II

Monoclonal antibody 2F8 recognises the murine scavenger receptor types I and II. It inhibits the uptake of acetylated low-density lipoproteins and also inhibits divalent cation independent adhesion. The molecule recognised is expressed by tissue macrophages and functions both as an endocytic receptor for lipoproteins and as an adhesion receptor for macrophages binding to ligand rich tissues, e.g. atherosclerotic lesions.

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|-------------------------------|--|
| Product Number: | T-2123 |
| Clone: | 2F8 |
| Host species, isotype: | Rat IgG2b |
| Quantity: | 250µg |
| Format: | Affinity purified, liquid Supplied as 0.25ml solution This stock solution contains 1mg/ml IgG, phosphate buffered saline pH 7.4 (PBS), and 0.1% sodium azide. as a preservative. |
| Stability: | Original vial: 1 year at 4° - 8°C |
| Applications: | Tested for immunohistochemistry (IHC); has been described to work in ELISA, FACS, western blotting and immunoprecipitation. Approximate working dilution for IHC: Frozen sections: 10µg/ml (1:100) Paraffin sections: does not react on routinely processed paraffin sections. Optimal dilutions should be determined by the end user. Suggested positive control: Mouse spleen. |
| Immunogen: | Raw 264 cell line. |
| Antigen, epitope: | The epitope has not been further characterized. |
| Specificity: | Mouse: macrophages Other species: not tested |



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Selected references

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de Villiers W.J.S. et al.: J. Exp. Med. **180**: 705-709 (1994)

Hughes D.A. et al.: Eur. J. Immunol. **25**: 466-73

Bell M.D. et al.: J. Neurocytol. **23**: 605-613 (1994)

Hughes, D.A. et al.: Imm. Lett. **43**: 7-14 (1994)

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.