

Purified anti-mouse/human Mac-2 (Galectin-3)

Catalog # / Size: 125401 / 50 µg
125402 / 500 µg

Clone: M3/38

Isotype: Rat IgG2a, κ

Immunogen: Raised against galectin-3 of mouse origin

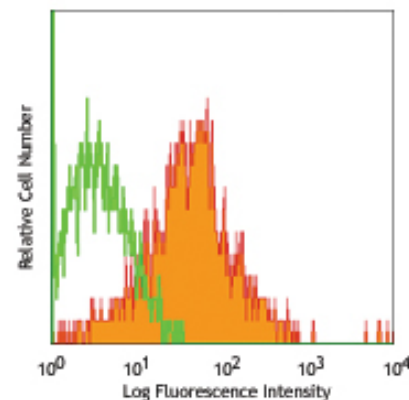
Reactivity: Mouse, Human

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



BALB/c peritoneal macrophages stained with M3/38 purified, followed by anti-rat IgG FITC

Applications:

Applications: FC - *Quality tested*
IHC, IP, WB, ELISA - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 µg per 10^6 cells in 100 µl volume or 100 µl of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Clone M3/38 has been reported to recognize residues 48–100 in the amino-terminal domain of galectin-3.⁷

Application References:

1. Ho MK, and Springer TA. 1982. *J. Immunol.* 128:1221.
2. Rosenberg I, et al. 1991. *J. Biol. Chem.* 266:18731.
3. Evans CE, et al. 2010. *Arterioscler Vasc Biol.* PubMed
4. Jacob N, et al. 2011. *J. Immunol.* 186:4984. PubMed.
5. Li X, et al. 2011. *Am J Physiol Heart Circ Physiol.* 301:1932. PubMed.
6. Chao C, et al. 2012. *Clin Cancer Res.* 18:4702. PubMed
7. Melo FH, et al. 2011. *PLoS One.* 6:e29313.
8. Usategui A, et al. 2013. *Ann Rheum Dis.* PubMed.

Description: Galectins, a family of carbohydrate binding proteins (lectins) have been implicated in inflammation and cancer. All galectins bind lactose and other beta-galactosides but differ in their affinity for more complex saccharides.

Antigen References:

1. Ho MK, and Springer TA. 1982. *J. Immunol.* 128:1221.
2. Rosenberg I, et al. 1991. *J. Biol. Chem.* 266:18731.

Related Products:

Product
Purified Rat IgG2a, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone
RTK2758

Application
FC, ICC, IF, IHC, IP, WB
FC, ICC, ICFC
FC, ICFC



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