

TECHNICAL DATA SHEET

Purified Rabbit Anti-mouse Lymphotactin

Catalog Number: TP204

Lot Number: 012316

Content: Protein A purified rabbit IgG, 200 µg, with 0.1% sodium azide, lyophilized.

(Reconstitute to 1 mg/ml by adding 200 µl PBS)

Product Description and Usage: For research use only. This neutralizing polyclonal antibody, which reacts with mouse lymphotactin, was generated using *E. coli*-expressed amino acid 1-92 of mature mouse lymphotactin as an immunogen. The tested titer for Western blot is 1:2,000; for immunoprecipitation, use 1:500.

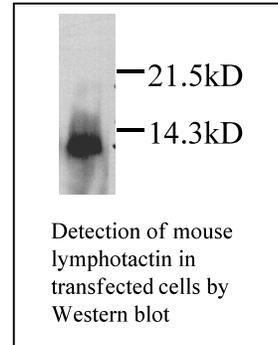
Cross-reactivity to lymphotactin of other species has not been determined.

Storage Condition: 4°C for short term storage or -20°C in small aliquots for long term storage. Avoid repeated freeze and thaw.

Background: Lymphotactin is the only C chemokine so far identified which has a single cysteine residue near the amino terminus. It has 114 amino acids with a 22 amino acids signal peptide. It is produced in activated CD8⁺ T cells¹ and NK cell². Lymphotactin attracts both T lymphocytes and NK cells.

References:

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1. Kelner, G.S. et al. (1994) Lymphotactin: a cytokine that represents a new class of chemokine. *Science* 266:1395-1399
2. Hedrick, J.A. et al. (1997) Lymphotactin is produced by NK cells and attracts both NK cells and T cells in vivo. *J Immunol* 158:1533-1540

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