

TECHNICAL DATA SHEET

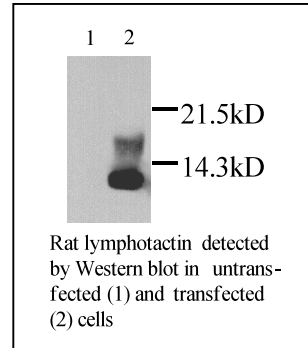
Purified Rabbit Anti-rat Lymphotactin

Catalog Number: TP205

Lot Number: 020616

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

(Reconstitute to 1 mg/ml by adding 200 µl H₂O)



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

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 (Ltn) is the only C chemokine so far identified that has a single cysteine near the amino terminus. It has 114 amino acids with a 22-amino acid signal peptide. Lymphotactin is produced in activated CD8⁺ T cells¹ and NK cell². Lymphotactin attracts both T-lymphocytes and NK cells.

References:

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. (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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