

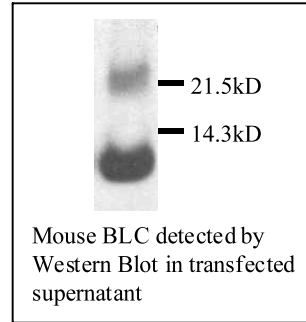
TECHNICAL DATA SHEET

Purified Rabbit Anti-mouse BLC

Catalog Number: TP241

Lot Number: 080718

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 polyclonal antibody, which reacts with mouse BLC, was generated using *E. coli*-expressed mouse BLC as an immunogen. The tested titer for Western blot is 1:5,000.

Cross-reactivity to BLC 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: BLC (B-lymphocyte chemoattractant, murine equivalent of human B cell-attracting chemokine-1, BCA-1) is a 12 kDa, recently characterized ELR-CXC chemokine.

BLC showed high levels of expression in spleen, Peyer's patches, and mesenteric lymph nodes. It is reported as the ligand of CXCR5. It attracts primarily B cells *in vitro*. Cell lines transfected with CXCR5 demonstrate both chemotaxis and calcium flux in response to BLC.

References:

1. Gunn, M., et al. (1998) A B-cell-homing chemokine made in lymphoid follicles activates Burkitt's lymphoma receptor-1. *Nature* 391:799-803
2. Legler, D., et al. (1998) B cell attracting chemokine 1, a human CXC chemokine expressed in lymphoid tissues, selectively attracts B lymphocytes via BLR1/CXCR5. *J Exp Med.* 187(4):655-660

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