



Lot Specific Information

Lot Number:	Lot Specific*
Volume:	Lot Specific*
Concentration:	Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein:	Lot Specific*

\*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number:	BE0136
Clone:	CL2
Isotype:	Mouse IgG2a, κ
Recommended Isotype Control(s):	InVivoMAb mouse IgG2a isotype control, unknown specificity
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	Not available or unknown
Reported Applications:	Flow cytometry
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Endotoxin:	<2EU/mg (<0.002EU/μg) Determined by LAL gel clotting assay
Purity:	>95% Determined by SDS-PAGE
Sterility:	0.2 μm filtered
Production:	Purified from tissue culture supernatant in an animal free facility
Purification:	Protein G
RRID:	AB_10949619
Molecular Weight:	150 kDa

Description

The CL2 monoclonal antibody reacts with human E-selectin also known as CD62E, endothelial-leukocyte adhesion molecule 1 (ELAM-1), and leukocyte-endothelial cell adhesion molecule 2 (LECAM2). E-selectin is a 115 kDa type I transmembrane protein and a member of the selectin family of adhesion molecules. E-selectin is expressed on cytokine-activated endothelial cells. Along with L-selectin and P-selectin, E-selectin mediates the initial interactions of leukocytes and platelets with endothelial cells. E-selectin is thought to play a role in inflammation, tumor metastasis, and angiogenesis. The CL2 antibody has been shown to inhibit neutrophil adhesion to E-selectin and to P-selectin.

Shelf-life and Storage

Store at the stock concentration at 4°C. **Do not freeze.**  
All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at [bxcell.com/faqs](https://bxcell.com/faqs).

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit <https://bxcell.com/product/h-e-selectin/#references> or scan the QR code below.



**Bio X Cell, Inc.**

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