Technical Data Sheet

InVivoMAb anti-mouse E-selectin (CD62E)

Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at https://bioxcell.com/terms-and-conditions.

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:	**BE0294**
Clone:	**9A9**
Isotype:	Rat IgG2b
Recommended Isotype Control(s):	InVivoMAb rat IgG2b isotype control, anti-keyhole limpet hemocyanin
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	COS-expressed, recombinant mouse E-selectin
Reported Applications:	*in vivo* E-selectin blockade *in vitro* E-selectin blockade Immunohistochemistry (frozen)
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Endotoxin:	≤1EU/mg (≤0.001EU/µg) Determined by LAL gel clotting assay
Purity:	≥95% Determined by SDS-PAGE
Sterility:	0.2 µm filtration
Production:	Purified from cell culture supernatant in an animal-free facility
Purification:	Protein G
RRID:	AB_2687816
Molecular Weight:	150 kDa

Description

The 9A9 monoclonal antibody reacts with mouse 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 9A9 antibody has been shown to reduce the migration efficiency of Th1 cells and block E-selectin-mediated rolling.

Storage

Store at the stock concentration at 4°C . **Do not freeze.**
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 https://bioxcell.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://bioxcell.com/be0294?bxcs=9k1b3a#tab_references or scan the QR code below.

Bio X Cell, LLC
https://bioxcell.com
+1-866-787-3444
customerservice@bioxcell.com

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