

# Technical Data Sheet

## InVivoMAb anti-mouse PSGL-1 (CD162)



**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:** BE0186  
**Clone:** 4RA10  
**Isotype:** Rat IgG1,  $\kappa$   
**Recommended Isotype Control(s):** InVivoMAb rat IgG1 isotype control, anti-horseradish peroxidase  
**Recommended Dilution Buffer:** InVivoPure pH 7.0 Dilution Buffer  
**Immunogen:** Mouse PSGL-1 human IgG1 fusion protein  
**Reported Applications:** *in vivo* PSGL-1 blockade  
Immunohistochemistry (frozen)  
**Formulation:** PBS, pH 7.0  
Contains no stabilizers or preservatives  
**Endotoxin:** <2EU/mg (<0.002EU/ $\mu$ g)  
Determined by LAL gel clotting assay  
**Purity:** >95%  
Determined by SDS-PAGE  
**Sterility:** 0.2  $\mu$ m filtered  
**Production:** Purified from cell culture supernatant in an animal-free facility  
**Purification:** Protein G  
**RRID:** [AB\\_10950305](https://abnova.com/AB_10950305)  
**Molecular Weight:** 150 kDa

### Description

The 4RA10 monoclonal antibody reacts with mouse P-selectin glycoprotein ligand-1 (PSGL-1) also known as CD162. PSGL-1 is a 230 kDa glycoprotein that is expressed by bone marrow-derived mast and dendritic cells, splenic leukocytes, platelets, peripheral blood neutrophils, and T lymphocytes. PSGL-1 is a ligand for P-selectin (CD62P) and plays roles in leukocyte rolling, the migration of leukocytes into inflamed tissues, and responses to vascular injury. The 4RA10 antibody is reported to block the binding of mouse leukocytes to CD62P and CD62L.

### 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/catalogsearch/result/?q=BE0186#tab\\_references](https://bioxcell.com/catalogsearch/result/?q=BE0186#tab_references) or scan the QR code below.



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*Not for resale.*

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