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, κ
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:	≤1EU/mg (≤0.001EU/µg) Determined by LAL gel clotting assay
Purity:	≥95% Determined by SDS-PAGE
Sterility:	0.2 µm filtered
Production:	Purified from cell culture supernatant in an animal-free facility
Purification:	Protein G
RRID:	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/be0186?bxcs=9k1b3a#tab_references or scan the QR code below.

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