



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:	BE0332
Clone:	177R4
Isotype:	Rat IgG2a, κ
Recommended Isotype Control(s):	InVivoMAb rat IgG2a isotype control, anti-trinitrophenol
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	Murine FGL-1-Ig fusion protein <i>in vivo</i> FGL-1 blockade <i>in vitro</i> FGL-1 blockade Flow cytometry Immunohistochemistry (paraffin)
Reported Applications:	
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Endotoxin:	<2EU/mg (<0.002EU/ μ g) Determined by LAL gel clotting assay
Purity:	>95% Determined by SDS-PAGE
Sterility:	0.2 μ M filtered
Production:	Purified from tissue culture supernatant in an animal free facility
Purification:	Protein G
RRID:	
Molecular Weight:	150 kDa

Description

The 177R4 monoclonal antibody reacts with mouse Fibrinogen-like protein 1 (FGL-1). FGL-1 is a member of the fibrinogen family of proteins. Under normal physiological conditions, FGL-1 is primarily secreted from hepatocytes and contributes to mitogenic and metabolic functions. FGL-1 is produced at high levels in various tumors including lung cancer and melanoma. High FGL-1 expression is associated with resistance to anti-PD-1/PD-L1 therapy and poor prognosis of cancer patients. Recently, FGL-1 has been identified as a major inhibitory ligand for LAG-3, a receptor that negatively regulates the proliferation, activation, and effector function of T cells. In murine cancer models, the 177R4 clone has been shown to block FGL-1 binding to LAG-3 resulting in boosted T cell activity and slowed tumor growth.

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.

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/invivomab-anti-mouse-fgl-1/#references> or scan the QR code below.



Bio X Cell, Inc.

bxcell.com
1.866.787.3444
customerservice@bxcell.com

Conditions: For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.
Bio X Cell, Bio X Cell Logo and all other trademarks are the property of Bio X Cell, Inc. © 2020 Bio X Cell