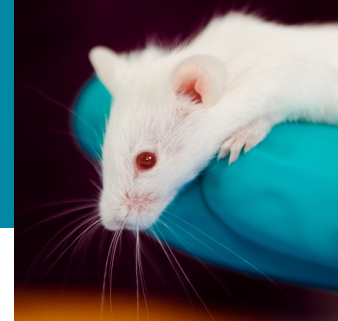


ALZET RESEARCH SUMMARY — Antibodies



ALZET® Osmotic Pumps are a reliable, convenient and cost effective method for continuous dosing of unrestrained laboratory animals, including mice and young rats. These small, implantable pumps are an effective tool for continuous administration of antibodies. In fact, the ALZET bibliography contains **over 350 publications** on this research application. The table below summarizes examples of recent research using ALZET pumps for antibody infusion including the type of antibody, vehicle, animal species, pump model, study duration, and route of infusion. For additional references, please contact ALZET Technical Services.

Antibody	Species	Duration	Pump Model	Route	Citation
Rat isotype IgG1, IgG2b; Anti-CSF-1; Anti-CD115	Mice	7 days	2001	SC	T. Emoto <i>et al.</i> Immunity. 2022;55:862-878
Fractalkine Neutralizing	Rat	5 days	2002	Intrathecal	K. Sessler <i>et al.</i> J Neurophysiol. 2021;125:1598-1611
Anti-Mullerian Hormone	Mice	7 days	Not Stated	IP	I. Peregrin-Alvarez <i>et al.</i> Gynecol Endocrinol. 2021;37(4):349-352
Anti-Nogo-A	Monkey	4 weeks	2ML2	Motor Cortex	J. Savidan <i>et al.</i> Neurosci Insights. 2020;15:2633105520973991
Immunoglobulin	Mice	1 week	2001	Brain (Right Lateral Ventricle)	M. Levite <i>et al.</i> J Autoimmun. 2020;112:102462
Anti-Ly6G; IgG2a	Mice	1 day; 21 days	1007D; 2004	SC	J. Leslie <i>et al.</i> JCI Insight. 2020;5(4):e125937
Anti-Ly6G	Mice	21 days	1004	SC	M. Crespo <i>et al.</i> elife. 2020;9:e59258
αIFNAR Neutralizing	Mice	3 days	1007D	Brain (Right Lateral Ventricle)	J.P. Barrett <i>et al.</i> J Neurosci. 2020;40(11):2357-2370
Anti-CD41	Mice	3 days	Not Stated	SC	B. Smith <i>et al.</i> Int Immunopharmacol. 2019;66:362-365

Technical Support
toll-free: 800.692.2990
email: alzet@durect.com

Customer Service
toll-free: 877.922.5938
email: alzetcs@durect.com

Website
www.alzet.com