

Neural Zoomer

The Neural Zoomer measures a broad set of antibodies associated with brain tissue, myelin integrity, nerve signaling, neuromuscular communication, blood–brain barrier balance, and infection-related immune activity. Together, these markers outline how immune responses may interact with key neurological structures and signaling pathways, helping contextualize cognitive, sensory, motor, and mood-related symptoms within a unified neuroimmune framework.

Demyelination	Brain Autoimmunity	Blood-Brain Barrier Integrity
<ul style="list-style-type: none"> • Anti-MAG • Anti-Neurofascin • Anti-Myelin oligodendrocyte glycoprotein (MOG) • Anti-Myelin basic protein (MBP) • Anti-Myelin proteolipid protein (PLP) • Anti-Tubulin 	<ul style="list-style-type: none"> • Anti-Cerebellum • Anti-Purkinje cell • Anti-Yo • Anti-Amyloid beta (1–42) • Anti-Amyloid beta (25–35) • Anti-Tau • Anti-Glutamate • Anti-Dopamine • Anti-Hydroxytryptamine (Serotonin) • Anti-Alpha-synuclein • Anti-Endothelin A receptor • Anti-RAGE peptide • Anti-α1 and β2 adrenergic receptors 	<ul style="list-style-type: none"> • Anti-Microglia • Anti-Glial fibrillary acidic protein (GFAP) • Anti-S100B • Anti-Glucose regulated protein 78 (GRP78)
Demyelination	Neuromuscular Disorders	Optical & Autonomic Nervous System
<ul style="list-style-type: none"> • Anti-GM1 • Anti-GM2 • Anti-Hu • Anti-Ri • Anti-Amphiphysin 	<ul style="list-style-type: none"> • Anti-Muscle specific kinase (MuSK) • Anti-Voltage gated calcium channels (VGCC) • Anti-Voltage gated potassium channels (VGKC) • Anti-Titin • Anti-Acetylcholine receptor 	<ul style="list-style-type: none"> • Anti-Neuron specific enolase (NSE) • Anti-Aquaporin-4 (AQP4) • Anti-Recoverin • Anti-CV2
Brain Inflammation	Infection-Associated Immune Markers	Neuromuscular Disorders
<ul style="list-style-type: none"> • Anti-NMDA receptor • Anti-AMPA receptor • Anti-Dopamine receptor 1 (D1) • Anti-Dopamine receptor 2 (D2) • Anti-GABA receptor • Anti-Dipeptidyl aminopeptidase-like protein 6 (DPPX) • Anti-Glycine receptor • Anti-Neurexin 3 • Anti-Contactin-associated protein-like 2 (CASPR2) • Anti-Leucine-rich glioma-inactivated protein 1 (LGI1) • Anti-Ma 	<ul style="list-style-type: none"> • Anti-HSV-1 • Anti-HSV-2 • Anti-EBV • Anti-CMV • Anti-HHV-6 • Anti-HHV-7 • Anti-Streptococcal A 	