amino acid selected from the group consisting of T, S, Y, N, and K; Xaa4 is an amino acid selected from the group consisting of K, N, D, Q and T; Xaa5 is an amino acid selected from the group consisting of R, G, S, and L; Xaa6 is an amino acid selected from the group consisting of P, S, I, and E; Xaa7 is an amino acid selected from the group consisting of S, H, I, and T; Xaa8 is Asn; Xaa9 is Lys; and Xaa10 is Gly; Xaa11 is Asp; and

Xaa1 – Xaa2 – Xaa3 – Xaa4 – Xaa5 – Xaa6 – Xaa7 – Xaa8 – Xaa9 – (Xaa)n (Formula 3 – CDR-L3), wherein n is 0-2, and

wherein Xaa1 is an amino acid selected from the group consisting of C, Q, H, F, H, L, V, I, K, Y, and A; Xaa2 is an amino acid selected from the group consisting of S, A, T, Q, and V; Xaa3 is an amino acid selected from the group consisting of Y, W, and S; Xaa4 is an amino acid selected from the group consisting of A, D, G, S, H and Y; Xaa5 is an amino acid selected from the group consisting of G, S, N, P, D, V, and T; Xaa6 is an amino acid selected from the group consisting of I, T, S, G, L, F and Y; Xaa7 is an amino acid selected from the group consisting of D, T, L, I, P, and S; Xaa8 is an amino acid selected from the group consisting of T, G, R, Y, D, N, W, L, F and P; Xaa9 is an amino acid selected from the group consisting of L, V, G, T, and H; Xaa10 is an amino acid selected from the group consisting of Val, Tyr, and His; Xaa11 is Leu or Val.

[0037] In another aspect, the present invention is directed to a pharmaceutical composition that comprises the herein described antibody, antibody fragment, or mixture or derivative thereof.

[0037a] In another aspect, the present invention is directed to the antibody as described herein for use in therapy.

[0037b] In another aspect, the present invention is directed to a use of the antibody as described herein in the manufacture of a medicament for treating, preventing, modulating, or attenuating a disease or disorder associated with neurite degeneration.

[0038] In another aspect, the present invention is directed to a method of treating, preventing, modulating, or attenuating a disease or disorder associated with neurite degeneration, comprising administering to a subject in need thereof a therapeutically effective amount of the herein described antibody. The neurite degenerative disorder may be multiple sclerosis, Parkinson's disease; Alzheimer's disease; Huntington's disease; amyotrophic lateral sclerosis and other motoneuron diseases; Tay-Sachs disease; Niemann-Pick disease; Gaucher's disease; Hurler's syndrome; idiopathic inflammatory demyelinating diseases; vitamin B12 deficiency; central pontine myelinolysis; tabes dorsalis; transverse myelitis; Devic's disease, progressive multifocal leukoencephalopathy; optic neuritis; traumatic injury to the CNS; ischemic cerebral stroke; a retinopathy; such as glaucoma, diabetic retinopathy or age-dependent macular degeneration; and a leukodystrophy.