

Goat anti-MOG Antibody

Item Number	dAP-0598
Target Molecule	Principle Name: MOG; Official Symbol: MOG; All Names and Symbols: MOG; MGC26137; myelin oligodendrocyte glycoprotein; DAQB-92E24.2; MOGIG-2; MOG Ig-AluB; MOG alpha-6; Accession Number (s): NP_996532.2; NP_996535.2; NP_001008229.1; Human Gene ID(s): 4340; Non-Human GeneID(s):
Immunogen	AGQFLEELRNPF, is from C Terminus This antibody is expected to recognise NP_996532.2 (isf a1), NP_996535.2 (isf a2) and NP_001008229.1 (isf a3)
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 26kDa band observed in Human Brain lysates (calculated MW of 25.4kDa according to NP_001008229, isoform a3). Recommended concentration: 0.03-1µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex). Recommended concentration: 5µg/ml.
Reference	Reference(s): Zai G, King N, Wigg K, Couto J, Wong GW, Honer WG, Barr CL, Kennedy JL. Genetic study of the myelin oligodendrocyte glycoprotein (MOG) gene in schizophrenia. Genes Brain Behav. 2005 Feb;4 (1):2-9. .PMID: 15660663 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**