

Goat anti-MLC1 (aa179-193) Antibody

Item Number	dAP-2847
Target Molecule	Principle Name: MLC1 (aa179-193); Official Symbol: MLC1; All Names and Symbols: MLC1; megalencephalic leukoencephalopathy with subcortical cysts 1; LVM; MLC; VL; membrane protein MLC1; Accession Number (s): NP_055981.1; Human Gene ID(s): 23209; Non-Human GenID(s):
Immunogen	SDSANILDEVPFPAR, is from internal region Reported variants represent identical protein: NP_631941.1, NP_055981.1.
Applications	Pep ELISA, WB 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 128000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 41.1kDa according to NP_055981.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (López-Hernández et al)
IHC	
Reference	Reference(s): López-Hernández T, Sirisi S, Capdevila-Nortes X, Montolio M, Fernández-Dueñas V, Schepers GC, van der Knaap MS, Casquero P, Ciruela F, Ferrer I, Nunes V, Estévez R. Molecular mechanisms of MLC1 and GLIALCAM mutations in megalencephalic leukoencephalopathy with subcortical cysts.

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 end users! This product is sold for **Research Use Only**