

Goat anti-Melanophilin (mouse) Antibody

Item Number	dAP-0359
Target Molecule	Principle Name: Melanophilin (mouse); Official Symbol: Mlph; All Names and Symbols: 2210418F23Rik; melanophilin; Mlph; In; I1Rk3; Slac-2a; D1Wsu84e; I(1)-3Rk; 5031433I09Rik; leaden; AW228792; OTTMUSP00000025451; Accession Number (s): NP_443748.2; Human Gene ID(s): ; Non-Human GenelD (s): 171531 (mouse) 316620 (rat)
Immunogen	ARHIFAKPVMAQQP, is from C Terminus
Applications	Pep ELISA, WB, ICC, IF, GST pull down Species Tested: Mouse
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 32000.
Western Blot	Western Blot: Approx 80 kDa band observed in Mouse Melanocyte extracts. Recommended for use at 0.5-2ug/ml. Please note that this product may require overnight incubation of primary and high protein loads.
IHC	
Reference	Reference(s): Matesic LE, Yip R, Reuss AE, Swing DA, O'Sullivan TN, Fletcher CF, Copeland NG, Jenkins NA. Mutations in Mlph, encoding a member of the Rab effector family, cause the melanosome transport defects observed in leaden mice. Proc Natl Acad Sci U S A. 2001 Aug 28;98(18):10238-43..PMID: 11584820

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**